

RPS-9000

MEGA POWER PLATFORM

Built for the Next Gigawatt Era

800 kW Integrated System

Scalable to **8 MW**



Regenerative



Easy Use



Compliance



High Range



Constant Power



High Current



Key Features

- 200 kW Power Platform per Cabinet
- 800 kW Integrated System, Scalable to 8 MW
- Four-Quadrant Regenerative Platform
- Integrated Source, Load & Grid Simulation
- Up to 90% Energy Regeneration
- High-Current Capability
- Scalable Parallel Architecture
- Single-Phase, Three-Phase & Split-Phase Output
- CV, CC & CP Operating Modes
- LIST, STEP, PULSE, TRANSIENT & Arbitrary Waveform Generation
- Advanced Grid Disturbance Simulation & Harmonic Analysis
- IEC 61000, IEEE 1547, UL 1741 & IEC 62116 Compliance
- USB, LAN, GPIB, CAN & External I/O

Applications:

- AI Data Centers, Hyperscale Computing & High-Density GPU Infrastructure
- Megawatt Charging Systems (MCS), Ultra-Fast DC Charging & EV Infrastructure
- Commercial Electric Vehicles, Heavy-Duty Trucks & EV Charging Infrastructure
- Battery Energy Storage Systems (BESS) & Power Conversion Systems
- Grid-Forming & Grid-Following Inverters
- Solar PV, Wind Power & Renewable Energy Power Conversion Systems
- Utility Grid Simulation & Grid Compliance
- HVDC Systems, Smart Grid Infrastructure & Industrial Power Electronics
- Power Hardware-in-the-Loop (PHIL) & Digital Power Validation

Introduction

The RPS-9000 is a next-generation Mega Power Platform engineered for AI infrastructure, utility-scale energy systems, and high-power validation. Combining four-quadrant regenerative operation with integrated source, load, and grid simulation, it provides a complete AC/DC power testing solution within a single platform.

Each cabinet delivers 200 kW of programmable power, while a four-cabinet system provides up to 800 kW. Multiple systems can be connected in parallel to achieve 8 MW, enabling scalable power validation for next-generation energy applications.

With high-current capability, advanced grid simulation, and up to 90% regenerative energy recovery, the RPS-9000 delivers reliable, mission-critical performance while reducing facility power consumption.

Applications

The RPS-9000 supports a wide range of high-power validation applications, including AI data centers, GPU power infrastructure, Megawatt Charging Systems (MCS), DC fast chargers, commercial electric vehicles, battery energy storage systems (BESS), Power Conversion Systems (PCS), Solar PV, Wind Power, and HVDC systems.

Its integrated source, regenerative load, and grid simulation capabilities enable comprehensive validation of Grid-Forming and Grid-Following inverters, power electronics, and other grid-connected equipment. Advanced grid disturbance functions and automated compliance testing simplify validation to international standards, while support for Power Hardware-in-the-Loop (PHIL) makes the platform suitable for both product development and system-level verification.



More Power. Less Infrastructure.

Conventional high-power systems often increase capacity by adding more cabinets, resulting in greater installation space, higher floor loading, and increased deployment complexity. The RPS-9000 delivers 607.5 kVA using only three cabinets, while comparable



630 kVA systems typically require six cabinets. This architecture reduces cabinet count by 50%, cuts the installation footprint from 4.68 m to 1.8 m, and lowers total system weight from 6.72 tons to 2.07 tons.

The result is a more efficient high-power platform that simplifies installation, maximizes laboratory space, and reduces facility infrastructure requirements without compromising testing capability.



TRUE High-Current Capability

AI servers, Megawatt Charging Systems (MCS), and next-generation battery platforms continue to demand higher current at lower operating voltages. The RPS-9000 addresses these challenges with a constant power architecture that delivers exceptional current capability.



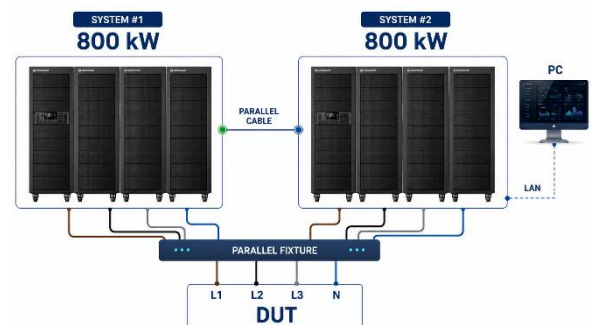
A single 200 kW cabinet provides up to 1296 Arms, while scalable configurations deliver 2592 Arms and 3888 Arms of continuous output current. With peak current reaching 11,664 Apk, the platform enables realistic validation of high-current power electronics that conventional programmable power systems cannot easily support.

Together with up to 90% regenerative energy recovery, the RPS-9000 significantly reduces operating costs while maintaining reliable performance for continuous high-power testing.

Scalable Architecture for Utility-Scale Testing

The RPS-9000 is designed for scalable high-power testing with a standard system capacity of 800 kW. As testing requirements grow, multiple systems can be connected in parallel to deliver up to 8 MW of programmable AC/DC power while maintaining synchronized operation.

Its modular architecture enables seamless power expansion with minimal infrastructure, supporting AI infrastructure, megawatt charging systems, battery energy storage, renewable energy, and other high-power applications.



Advanced Grid Validation

The RPS-9000 combines programmable source, regenerative load, and grid simulation capabilities to reproduce real-world utility conditions.

Engineers can simulate voltage dips, frequency variations, phase jumps, harmonic injection, LVRT, HVRT, and other grid disturbances while evaluating Grid-Forming and Grid-Following inverters, Battery Energy Storage Systems (BESS), Solar PV, Wind Power, and other grid-connected equipment.

Integrated waveform generation, harmonic analysis, and automated compliance testing simplify validation to IEC 61000, IEEE 1547, UL 1741, IEC 62116, and other international standards.



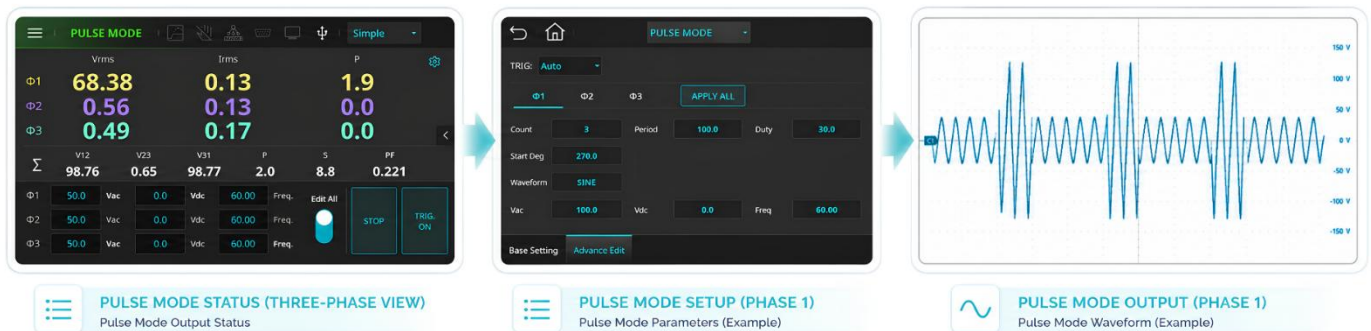
Grid Disturbance & Transient Simulation

RPS-9000 features multiple dynamic test modes, including LIST, STEP, PULSE, and TRANSIENT, to accurately simulate dynamic grid variations and transient events for evaluating DUT stability and reliability under abnormal power conditions.

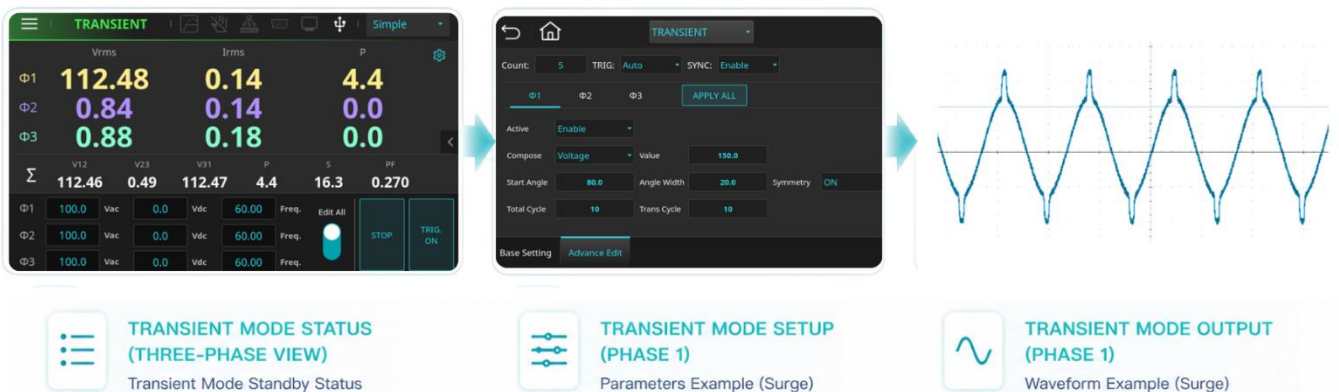
- **LIST Mode** Creates multi-step test sequences with programmable voltage, frequency, waveform, dwell time, and cycle count, ideal for long-duration endurance testing, automated testing, and compliance verification.



- **STEP Mode** Generates rapid step changes in voltage and frequency to simulate sudden grid variations and evaluate the DUT's dynamic response to rapidly changing conditions.
- **PULSE Mode** Provides programmable pulse amplitude, duty cycle, and duration to simulate short-term voltage variations and disturbances, enabling evaluation of DUT tolerance and protection mechanisms.



- **TRANSIENT Mode** Simulates voltage sag, surge, and other transient events with programmable event angle, duration, amplitude, and positive/negative half-cycle characteristics, accurately reproducing real-world abnormal grid conditions.

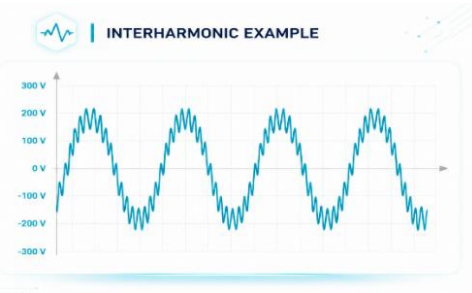
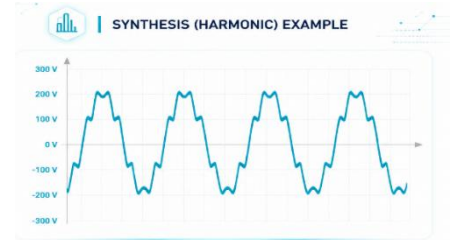


Advanced Harmonic & Interharmonic Simulation

The RPS-9000 provides comprehensive harmonic and interharmonic simulation capabilities to accurately reproduce waveform distortion, harmonic pollution, and power quality events caused by nonlinear loads in modern power grids.

● Waveform Synthesis Mode

Supports freely programmable 2nd–50th harmonics, with independent amplitude and phase-angle control for each harmonic order. Fundamental AC voltage, frequency, DC offset, and initial phase angle can also be configured, providing flexible waveform generation for harmonic distortion and power quality testing.



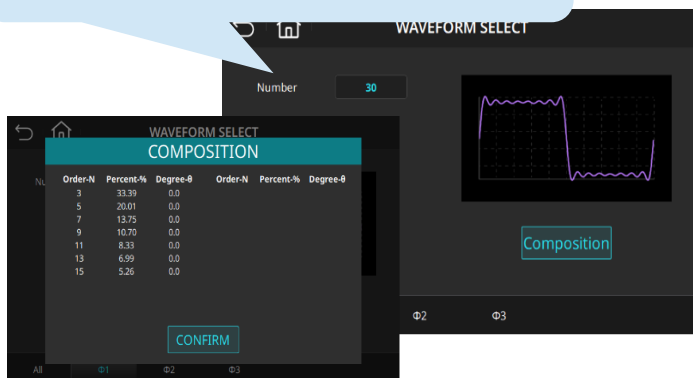
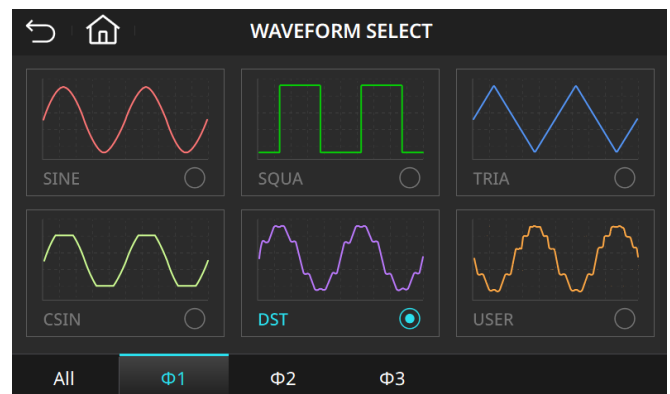
● Interharmonic Mode

Supports superimposing non-integer-frequency interharmonics onto the fundamental waveform, with programmable frequency, amplitude, and duration. This enables accurate simulation of complex grid disturbances generated by variable-frequency equipment, nonlinear loads, and renewable energy systems for evaluating immunity, control stability, and operational reliability under real-world grid conditions.

Advanced Waveform Generation & Grid Simulation

The RPS-9000 provides comprehensive waveform generation and grid simulation capabilities, supporting standard, special, and user-defined waveforms to accurately reproduce real-world grid characteristics and power quality conditions. Built-in waveform libraries enable engineers to quickly configure test environments for diverse application requirements.

30 built-in distortion waveforms (DST) enable rapid simulation of grid distortion.

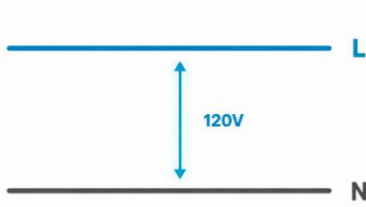


Supported Waveforms:Supported Waveforms:

- Sine
- Square
- Triangle
- Clipped Sine
- Distortion Waveforms (DST)
- User-defined Waveforms

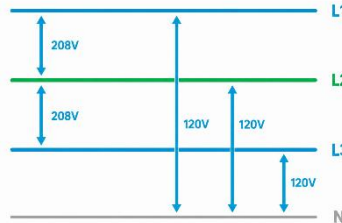


The RPS-9000 supports three-phase, single-phase, and split-phase output, selectable through an intuitive touch interface. No additional hardware is needed to accommodate different grid architectures, test standards, and validation requirements. It provides flexible, reliable testing for utility grid simulation, high-current single-phase equipment, and North American split-phase applications.



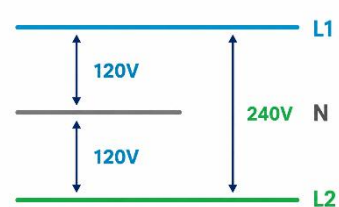
Single-Phase Mode

Combines the three-phase output capacity into a single phase to provide up to three times the single-phase output current. Ideal for high-power equipment, high-current supplies, EV chargers, and other high-power loads. A dedicated parallel output fixture supports safe high-current testing and system stability.



Three-Phase Mode

Supports positive (RST) and negative (RTS) phase sequences with balanced, common-frequency, and independent control modes. Voltage, frequency, and phase angle can be set per phase to simulate three-phase imbalance, phase shifts, and grid disturbances.



Split-Phase Mode

Designed for North American 120/240 V split-phase systems, with output up to 700 V L-L (800 V L-L optional). Unused terminals automatically switch to 0 V for safer operation. Split-phase output provides 2/3 of the system's rated power for demanding high-power testing application.

Dual-Mode Measurement Interface

RPS-9000 offers Simple and Detail real-time measurement displays. Users can switch modes to match the test and view measurements while output remains active, supporting quick monitoring and comprehensive analysis.

● Simple Mode | Key Information at a Glance

Simple mode displays three key electrical measurements in large numerals for a quick view of voltage, current, power, and other essential data. Its clear interface suits equipment adjustment, production testing, functional validation, and daily operation, with results readable from a distance for efficient monitoring.

● Detail Mode | 15 Key Electrical Measurements

Detail mode presents 15 key electrical parameters on one screen: Vrms, Irms, Vac, Vdc, Iac, Idc, Vp, Ip, Is, F, P, S, Q, PF, and CF. Engineers can monitor electrical characteristics together and quickly analyze voltage, current, power, and power factor. This comprehensive view supports R&D validation, product testing, power quality analysis, and troubleshooting, improving test efficiency and analytical capability.



Built-in Measurement & Analysis

The RPS-9000 monitors output voltage, current, and power quality parameters in real time, with harmonic analysis and live waveform viewing. Comprehensive measurements and a graphical interface help engineers assess DUT operation and power quality quickly, improving test efficiency.



● Harmonic Analysis

Measures voltage and current total harmonic distortion (THD) in real time and analyzes amplitude, percentage, and phase from the fundamental through the 50th harmonic. Voltage, current, frequency, active power, power factor, and crest factor measurements are available in Table and Bar Chart views for quick analysis of harmonic distribution and power quality.

● Real-time Waveform Monitor

Displays three-phase output voltage and current waveforms simultaneously in an oscilloscope-style interface. Users can switch between phases and scale voltage, current, and time axes to inspect waveform details, transients, and output status, improving waveform analysis and system validation efficiency.

PowerSense™ AIoT Monitoring & Predictive Maintenance

PowerSense™ is INFINIPOWER's AIoT monitoring platform for the RPS series, integrating real-time monitoring, intelligent diagnostics, predictive maintenance, and energy management. It continuously tracks system performance, equipment health, alarms, energy recovery, efficiency, and critical components to detect abnormal trends and anticipate maintenance needs. With real-time alerts, historical analysis, energy statistics, data export, and remote monitoring, PowerSense™ helps reduce unplanned downtime while improving system availability, test efficiency, and long-term reliability.



Technical Specifications

Item				RPS-9200	RPS-9270
AC INPUT	Phase			3Ø3W+PE	
	Voltage			380 - 480 VL-L ± 10%	
	Frequency			47 - 63Hz	
	Max. Current			426A/phase (380 - 480 VL-L ± 10%)	568A/phase (380 - 480 VL-L ± 10%)
	Power Factor(*1)			0.99(Typical)	
AC OUTPUT	Phase Modes			3Ø, 1Ø or Split phase selectable	
	Max. Power			202.5kVA/135kVA(Split phase)	270kVA/180kVA(Split phase)
	Per Phase/Channel			67.5kVA	90kVA
AC VOLTAGE	Range			0 - 350VL-N, 0 - 606VL-L, 0 - 700VL-L(Split phase) Option : 0 - 400VL-N, 0 - 692VL-L, 0 - 800VL-L(Split phase)	
	Resolution			0.1V	
	Setting Accuracy			± (0.1% of setting + 0.2% F.S.)	
	Total Harmonic Distortion (THD)(*2)			<0.4% @ 50/60Hz <0.8% @ 30 - 150Hz	
	Line Regulation (*3)			± 0.1%	
	Load Regulation (*4)			± 0.2%	
	Phase Angle	Range		0 - 359.9°	
		Resolution		0.1°	
MAX. AC CURRENT	RMS(*5)			1296A(1Ø)/432A(3Ø/Split)	1728A(1Ø)/576A(3Ø/Split)
	Peak			3888A(1Ø)/1296A(3Ø/Split)	5184A(1Ø)/1728A(3Ø/Split)
	Crest Factor			3	3
FREQUENCY	Range			DC, 30.00 - 150.0 Hz Option : DC, 30.00 - 1000.0 Hz	
	Resolution			0.01Hz	
	Accuracy(*6)			± 0.01% F.S.	
DC OUTPUT	Max. Power			202.5kW/135kW (Split phase)	270kW/180kW(Split phase)
	Per Phase/Channel			67.5kW	90kW
DC VOLTAGE	Range			±495Vdc, ±990Vdc(Split phase) Option : ±565Vdc, ±1130Vdc(Split phase)	
	Resolution			0.1V	
	Setting Accuracy			± (0.1 % of setting + 0.2% F.S.)	
MAX. DC CURRENT	Range			972A(1Ø)/324A(3Ø/Split)	1296A(1Ø)/432A(3Ø/Split)
HARMONIC SYNTHESIS FUNCTION	up to 50 Harmonic orders @ 50/60Hz fundamental frequency				
REGENERATIVE FUNCTION	Current Total Harmonic Distortion (iTHD)(*7)			<9%(Typical)	<9%(Typical)
	Power Factor(*8)			>0.97(Typical)	
CURRENT LIMIT FUNCTION	Setting	Range	1Ø	15 - 1296A	30 - 1728A
			3Ø/Split phase	5 - 432A	10 - 576A
		Resolution		1A	
		Accuracy		± (2.0% of setting + 0.5% F.S.)	
	Response Time			< 0.5s	

Item			RPS-9200	RPS-9270
AC Load Function				
INPUT	Phase		3Ø3W+PE	
	Voltage		380 - 480 VL-L ± 10%	
	Frequency		47 - 63Hz	
	Max. Current		356A/phase (380 - 480 VL-L ± 10%)	475A/phase (380 - 480 VL-L ± 10%)
	Power Factor(*9)		0.95(Typical)	
Operating Range	Power Rating		202.5kVA(3Ø/1Ø)	270kVA(3Ø/1Ø)
	Current(rms)		432A(3Ø)/1296A(1Ø)	576A(3Ø)/1728A(1Ø)
	Current(peak)		1296A(3Ø)/3888A(1Ø)	1728A(3Ø)/5184A(1Ø)
	Voltage		AC Mode : 30 - 350V, Option: 30 - 400V DC Mode : 20 - 495V, Option: 20 - 565V	
Operating Frequency	Range		DC, 30 - 150 Hz	
CC Mode (each phase)	Current	Range	0 - 432A	0 - 576A
		Resolution / Accuracy(*10)	1A / ± (0.3% of reading + 0.5% F.S.)	
	Crest Factor	Range	1.414 - 3.000	
		Resolution	0.001	
	Power Factor	Range	0.593 - 1.000(type=PF) / 0.202 - 1.000(type=CFPF)	
		Resolution / Accuracy(*11)	0.001 / ± 1% F.S.	
CP/CS Mode (each phase)	Power	Range	0.0 - 202.5kW, 0.0 - 202.5kVA	0.0 - 270kW, 0.0 - 270kVA
		Resolution	0.1kW / 0.1kVA	
		Accuracy(*12)	± (0.3% of reading + 0.3% F.S.)	
	Crest Factor	Range	1.414 - 3.000	
		Resolution	0.001	
	Power Factor	Range	0.593 - 1.000(type=PF) / 0.202 - 1.000(type=CFPF)	
		Resolution / Accuracy(*11)	0.001 / ± 1% F.S.	
CR Mode (each phase)	Resistance	Range	0.069 - 116Ω	0.052 - 87Ω
		Resolution / Accuracy(*10)	0.001Ω / ± (0.3% of reading + 0.5% F.S.)	
CZ Mode (each phase)	Impedance	R1 Range / R1 Resolution	0.01 - 1000.00Ω / 0.01Ω	
		R2 Range / R2 Resolution	0.01 - 1000.00Ω / 0.01Ω	
		R3 Range / R3 Resolution	0.01 - 1000.00Ω / 0.01Ω	
		C Range / C Resolution	0 - 1000.000mF / 0.001mF	
		L Range / L Resolution	0 - 1000.000mH / 0.001mH	
CC Phase Lead/Lag Mode (each phase)	Current	Range	0 - 432A	0 - 576A
		Resolution / Accuracy(*10)	1A / ± (0.3% of reading + 0.5% F.S.)	
	Phase	Range	-90.0deg ~ +90.0deg (Current source mode: +90.1deg ~ +180deg & -90.1deg ~ -180deg)	
		Resolution / Accuracy(*13)	0.1deg / ± 1% F.S.	
CP/CS Phase Lead/Lag Mode (each phase)	Power	Range	0.0 - 202.5kW, 0.0 - 202.5kVA	0.0 - 270kW, 0.0 - 270kVA
		Resolution	0.1kW / 0.1kVA	
		Accuracy(*12)	± (0.3% of reading + 0.3% F.S.)	
	Phase	Range	-90.0deg ~ +90.0deg (Current source mode: +90.1deg ~ +180deg & -90.1deg ~ -180deg)	
		Resolution / Accuracy(*13)	0.1deg / ± 1% F.S.	

Item			RPS-9200	RPS-9270
DC Load Function				
CC Mode (each phase)	Current	Range	0 - 324A	0 - 432A
		Resolution / Accuracy(*10)	1A / ± (0.3% of reading + 0.5% F.S.)	
CV Mode (each phase)	Voltage	Range	20 - 495V	
		Resolution / Accuracy	0.01V / ± (0.1% of reading + 0.2% F.S.) at Voltage > 5V	
CP Mode (each phase)	Power	Range	0.0 - 202.5kW	0.0 - 270kW
		Resolution / Accuracy(*12)	0.1kW / ± (0.3% of reading + 0.3% F.S.)	
CR Mode (each phase)	Resistance	Range	0.062 - 218Ω	0.046 - 163Ω
		Resolution / Accuracy(*10)	0.001Ω / ± (0.3% of reading + 0.5% F.S.)	
Advanced Mode	Mode(each phase)		CCD, CRD	

Item			RPS-9200	RPS-9270
MEASUREMENT	Voltage (AC)	Range	0 - 350VL-N, 0 - 606VL-L, 0 - 700VL-L (Split) Option : 0 - 400VL-N, 0 - 692VL-L, 0 - 800VL-L (Split)	
		Resolution / Accuracy	0.01V / $\pm$ (0.1% of reading + 0.2% F.S.) at Voltage > 5V	
MEASUREMENT	Voltage (DC)	Range	$\pm$ 495Vdc, $\pm$ 990Vdc (Split phase) / Option : $\pm$ 565Vdc, $\pm$ 1130Vdc (Split phase)	
		Resolution / Accuracy	0.01V / $\pm$ (0.1 % of reading + 0.2% F.S.) at Voltage > 5V	
	Current (AC,DC)	Range	1 $\emptyset$	0.0 - 1296.0A
			3 $\emptyset$ /Split phase	0.0 - 432.0A
		Resolution	0.1A at 0.0 - 999.9A / 1A at Current $\geq$ 1000A	
		Accuracy	$\pm$ (0.4% of reading + 0.3% F.S.)	
	Peak Current	Range	1 $\emptyset$	0.0 - 3888.0Apk
			3 $\emptyset$ /Split phase	0.0 - 1296.0Apk
		Resolution	0.1A at 0.0 - 999.9Apk / 1A at Current $\geq$ 1000Apk	
		Accuracy	$\pm$ (0.4% of reading + 0.6% F.S.)	
	Power (AC,DC)	Range	1 $\emptyset$	0.00kW - 202.50kW
			3 $\emptyset$	0.00kW - 67.50kW
			Split phase	0.00kW - 135.00kW
		Resolution	0.01kW at 0.00 - 99.99kW / 0.1kW at Power $\geq$ 100.0kW	
		Accuracy	$\pm$ (0.4% of reading + 0.4% F.S.)	
	Power Apparent (VA)	Range	1 $\emptyset$	0.00kVA - 202.50kVA
			3 $\emptyset$	0.00kVA - 67.50kVA
			Split phase	0.00kVA - 135.00kVA
		Resolution	0.01kVA at 0.00 - 99.99kVA / 0.1kVA at Power $\geq$ 100.0kVA	
		Accuracy	VxA, Calculated value	
	Power Factor	Range / Resolution	0 -1.000 / 0.001	
		Accuracy	W / VA ,Calculated and displayed to three significant digits	
	Crest Factor	Range / Resolution	0 - 10.00 / 0.01	
		Accuracy	Ap / A ,Calculated and displayed to two significant digits	
GENERAL	Interface		USB, Ethernet, External I/O(DB25), GPIB Option: CAN Bus	
	Display		Full Color, Touch LCD Display, 5" Diagonal size, 800 x 400 Pixels resolution	
	Protection		OCP, OVP, OPP, OTP, SHORT, FAN	
	V Sense		Yes	
	Efficiency (*14)		90% (Typical)	
	Dimension(H x W x D)		2045 x 600 x 1100 mm 80.51 x 23.62 x 43.31 inch	2045 x 1200 x 1100 mm 80.51 x 47.24 x 43.31 inch (2x 42U Cabinets coupled)
	Weight		740 kg / 1631.42 lbs	1120 kg / 2469.18 lbs
ENVIRONMENTAL	Cooling		Variable speed fan cooled, front intake, rear exhaust	
	Operating / Storage Temperature		0 to 40°C / -40 to 85°C	
	Altitude / Operating Humidity(*15)		2000m (6500 feet) / 0% to 95% RAH	
REGULATORY COMPLIANCE	Safety		Low Voltage Directive 2014/30/EU, EN 61010-1:2017	
	EMC		CE marked for EMC Directive 2014/30/EU per EN 61326-1:2013 Class A	
	CE Mark LVD Categories		Installation Overvoltage Category: II; Pollution Degree: 2; indoor use only.	

Note.

- *1 Tested on input voltage 380Vac with full output power
- *2 Maximum distortion is tested on output voltage 350Vac with full output power under linear load
- *3 With respect to changes in the rated range of input voltage.
- *4 Load regulation is tested by sine wave and remote sense
- *5 At working voltage 125V
- *6 When the output voltage is greater than 40V
- *7 Current total harmonic distortion is tested on input voltage 380Vac with full output power
- *8 Power factor is tested on input voltage 220Vac with full output power
- *10 The operating current must be maintained at greater than 1% of the rated maximum current.
- *11 The Power Factor (PF) setting accuracy is specified under an operating current > 1% of the rated maximum current, a sinusoidal input voltage (Vthd < 0.6% @ 30 ~ 100 Hz), and a CF setting of 1.414.
- *12 The operating power must be maintained at greater than 0.5% of the rated maximum power.
- *13 The Phase setting accuracy(F.S.=180deg) is specified under an operating current > 1% of the rated maximum current, a sinusoidal input voltage (Vthd < 0.6% @ 30 ~ 150 Hz), and a CF setting of 1.414.
- *14 Efficiency is tested on input voltage 380V and output voltage 250Vac with full output power under linear load
- *15 In the state of non-condensing

The above specifications are subject to change without prior notice.

Technical Specifications

Item				RPS-9330	RPS-9400
AC INPUT	Phase			3Ø3W+PE	
	Voltage			380 - 480 VL-L ± 10%	
	Frequency			47 - 63Hz	
	Max. Current			711A/phase (380 - 480 VL-L ± 10%)	853A/phase (380 - 480 VL-L ± 10%)
	Power Factor(*1)			0.99(Typical)	
AC OUTPUT	Phase Modes			3Ø, 1Ø or Split phase selectable	
	Max. Power			337.5kVA/225kVA(Split phase)	405kVA/270kVA(Split phase)
	Per Phase/Channel			112.5kVA	135kVA
AC VOLTAGE	Range			0 - 350VL-N, 0 - 606VL-L, 0 - 700VL-L(Split phase) Option : 0 - 400VL-N, 0 - 692VL-L, 0 - 800VL-L(Split phase)	
	Resolution			0.1V	
	Setting Accuracy			± (0.1% of setting + 0.2% F.S.)	
	Total Harmonic Distortion (THD)(*2)			<0.4% @ 50/60Hz <0.8% @ 30 - 150Hz	
	Line Regulation (*3)			± 0.1%	
	Load Regulation (*4)			± 0.2%	
	Phase Angle	Range		0 - 359.9°	
		Resolution		0.1°	
MAX. AC CURRENT	RMS(*5)			2160A(1Ø)/720A(3Ø/Split)	2592A(1Ø)/864A(3Ø/Split)
	Peak			6480A(1Ø)/2160A(3Ø/Split)	7776A(1Ø)/2592A(3Ø/Split)
	Crest Factor			3	3
FREQUENCY	Range			DC, 30.00 - 150.0 Hz Option : DC, 30.00 - 1000.0 Hz	
	Resolution			0.01Hz	
	Accuracy(*6)			± 0.01% F.S.	
DC OUTPUT	Max. Power			337.5kW/225kW (Split phase)	405kW/270kW(Split phase)
	Per Phase/Channel			112.5kW	135kW
DC VOLTAGE	Range			±495Vdc, ±990Vdc(Split phase) Option : ±565Vdc, ±1130Vdc(Split phase)	
	Resolution			0.1V	
	Setting Accuracy			± (0.1 % of setting + 0.2% F.S.)	
MAX. DC CURRENT	Range			1620A(1Ø)/540A(3Ø/Split)	1944A(1Ø)/648A(3Ø/Split)
HARMONIC SYNTHESIS FUNCTION	up to 50 Harmonic orders @ 50/60Hz fundamental frequency				
REGENERATIVE FUNCTION	Current Total Harmonic Distortion (iTHD)(*7)			<9%(Typical)	<9%(Typical)
	Power Factor(*8)			>0.97(Typical)	
CURRENT LIMIT FUNCTION	Setting	Range	1Ø	30 - 2160A	30 - 2592A
			3Ø/Split phase	10 - 720A	10 - 864A
		Resolution		1A	
		Accuracy		± (2.0% of setting + 0.5% F.S.)	
	Response Time			< 0.5s	

Item			RPS-9330	RPS-9400
AC Load Function				
INPUT	Phase		3Ø3W+PE	
	Voltage		380 - 480 VL-L ± 10%	
	Frequency		47 - 63Hz	
	Max. Current		594A/phase (380 - 480 VL-L ± 10%)	712A/phase (380 - 480 VL-L ± 10%)
	Power Factor(*9)		0.95(Typical)	
Operating Range	Power Rating		337.5kVA(3Ø/1Ø)	405kVA(3Ø/1Ø)
	Current(rms)		720A(3Ø) / 2160A(1Ø)	846A(3Ø) / 2592A(1Ø)
	Current(peak)		2160A(3Ø) / 6480A(1Ø)	2592A(3Ø) / 7776A(1Ø)
	Voltage		AC Mode : 30 - 350V, Option: 30 - 400V DC Mode : 20 - 495V, Option: 20 - 565V	
Operating Frequency	Range		DC, 30 - 150 Hz	
CC Mode (each phase)	Current	Range	0 - 720A	0 - 864A
		Resolution / Accuracy(*10)	1A / ± (0.3% of reading + 0.5% F.S.)	
	Crest Factor	Range	1.414 - 3.000	
		Resolution	0.001	
	Power Factor	Range	0.593 - 1.000(type=PF) / 0.202 - 1.000(type=CFPF)	
		Resolution / Accuracy(*11)	0.001 / ± 1% F.S.	
CP/CS Mode (each phase)	Power	Range	0.0 - 337.5kW, 0.0 - 337.5kVA	0.0 - 405kW, 0.0 - 405kVA
		Resolution	0.1kW / 0.1kVA	
		Accuracy(*12)	± (0.3% of reading + 0.3% F.S.)	
	Crest Factor	Range	1.414 - 3.000	
		Resolution	0.001	
	Power Factor	Range	0.593 - 1.000(type=PF) / 0.202 - 1.000(type=CFPF)	
CR Mode (each phase)	Resistance	Range	0.042 - 69Ω	0.034 - 58Ω
		Resolution / Accuracy(*10)	0.001Ω / ± (0.3% of reading + 0.5% F.S.)	
CZ Mode (each phase)	Impedance	R1 Range / R1 Resolution	0.01 - 1000.00Ω / 0.01Ω	
		R2 Range / R2 Resolution	0.01 - 1000.00Ω / 0.01Ω	
		R3 Range / R3 Resolution	0.01 - 1000.00Ω / 0.01Ω	
		C Range / C Resolution	0 - 1000.000mF / 0.001mF	
		L Range / L Resolution	0 - 1000.000mH / 0.001mH	
CC Phase Lead/Lag Mode (each phase)	Current	Range	0 - 720A	0 - 864A
		Resolution / Accuracy(*10)	1A / ± (0.3% of reading + 0.5% F.S.)	
	Phase	Range	-90.0deg ~ +90.0deg (Current source mode: +90.1deg ~ +180deg & -90.1deg ~ -180deg)	
		Resolution / Accuracy(*13)	0.1deg / ± 1% F.S.	
CP/CS Phase Lead/Lag Mode (each phase)	Power	Range	0.0 - 337.5kW, 0.0 - 337.5kVA	0.0 - 405kW, 0.0 - 405kVA
		Resolution	0.1kW / 0.1kVA	
		Accuracy(*12)	± (0.3% of reading + 0.3% F.S.)	
	Phase	Range	-90.0deg ~ +90.0deg (Current source mode: +90.1deg ~ +180deg & -90.1deg ~ -180deg)	
		Resolution / Accuracy(*13)	0.1deg / ± 1% F.S.	

Item			RPS-9330	RPS-9400
DC Load Function				
CC Mode (each phase)	Current	Range	0 - 540A	0 - 648A
		Resolution / Accuracy(*10)	1A / ± (0.3% of reading + 0.5% F.S.)	
CV Mode (each phase)	Voltage	Range	20 - 495V	
		Resolution / Accuracy	0.01V / ± (0.1% of reading + 0.2% F.S.) at Voltage > 5V	
CP Mode (each phase)	Power	Range	0.0 - 337.5kW	0.0 - 405kW
		Resolution / Accuracy(*12)	0.1kW / ± (0.3% of reading + 0.3% F.S.)	
CR Mode (each phase)	Resistance	Range	0.037 - 131Ω	0.031 - 109Ω
		Resolution / Accuracy(*10)	0.001Ω / ± (0.3% of reading + 0.5% F.S.)	
Advanced Mode	Mode(each phase)		CCD, CRD	

Item			RPS-9330	RPS-9400
MEASUREMENT	Voltage (AC)	Range	0 - 350V _{L-N} , 0 - 606V _{L-L} , 0 - 700V _{L-L} (Split) Option : 0 - 400V _{L-N} , 0 - 692V _{L-L} , 0 - 800V _{L-L} (Split)	
		Resolution / Accuracy	0.01V / ± (0.1% of reading + 0.2% F.S.) at Voltage > 5V	
MEASUREMENT	Voltage (DC)	Range	±495V _{DC} , ±990V _{DC} (Split phase) / Option : ±565V _{DC} , ±1130V _{DC} (Split phase)	
		Resolution / Accuracy	0.01V / ± (0.1 % of reading + 0.2% F.S.) at Voltage > 5V	
	Current (AC,DC)	Range	1Ø	0.0 - 2160.0A
			3Ø/Split phase	0.0 - 720.0A
		Resolution	0.1A at 0.0 - 999.9A / 1A at Current ≥ 1000A	
		Accuracy	± (0.4% of reading + 0.3% F.S.)	
	Peak Current	Range	1Ø	0.0 - 6480.0A _{pk}
			3Ø/Split phase	0.0 - 2160.0A _{pk}
		Resolution	0.1A at 0.0 - 999.9A _{pk} / 1A at Current ≥ 1000A _{pk}	
		Accuracy	± (0.4% of reading + 0.6% F.S.)	
	Power (AC,DC)	Range	1Ø	0.00kW - 337.50kW
			3Ø	0.00kW - 112.50kW
			Split phase	0.00kW - 225.00kW
		Resolution	0.01kW at 0.00 - 99.99kW / 0.1kW at Power ≥ 100.0kW	
		Accuracy	± (0.4% of reading + 0.4% F.S.)	
	Power Apparent (VA)	Range	1Ø	0.00kVA - 337.50kVA
			3Ø	0.00kVA - 112.50kVA
			Split phase	0.00kVA - 225.00kVA
		Resolution	0.01kVA at 0.00 - 99.99kVA / 0.1kVA at Power ≥ 100.0kVA	
		Accuracy	V×A, Calculated value	
	Power Factor	Range / Resolution	0 -1.000 / 0.001	
		Accuracy	W / VA ,Calculated and displayed to three significant digits	
	Crest Factor	Range / Resolution	0 - 10.00 / 0.01	
		Accuracy	Ap / A ,Calculated and displayed to two significant digits	
GENERAL	Interface		USB, Ethernet, External I/O(DB25), GPIB Option: CAN Bus	
	Display		Full Color, Touch LCD Display, 5" Diagonal size, 800 x 400 Pixels resolution	
	Protection		OCP, OVP, OPP, OTP, SHORT, FAN	
	V Sense		Yes	
	Efficiency (*14)		90% (Typical)	
	Dimension(H x W x D)		2045 x 1200 x 1100 mm 80.51 x 47.24 x 43.31 inch (2x 42U Cabinets coupled)	2045 x 1200 x 1100 mm 80.51 x 47.24 x 43.31 inch (2x 42U Cabinets coupled)
	Weight		1300 kg / 2866.01 lbs	1480 kg / 3262.84 lbs
ENVIRONMENTAL	Cooling		Variable speed fan cooled, front intake, rear exhaust	
	Operating / Storage Temperature		0 to 40°C / -40 to 85°C	
	Altitude / Operating Humidity(*15)		2000m (6500 feet) / 0% to 95% RAH	
REGULATORY COMPLIANCE	Safety		Low Voltage Directive 2014/30/EU, EN 61010-1:2017	
	EMC		CE marked for EMC Directive 2014/30/EU per EN 61326-1:2013 Class A	
	CE Mark LVD Categories		Installation Overvoltage Category: II; Pollution Degree: 2; indoor use only.	

Note.

- *1 Tested on input voltage 380Vac with full output power
- *2 Maximum distortion is tested on output voltage 350Vac with full output power under linear load
- *3 With respect to changes in the rated range of input voltage.
- *4 Load regulation is tested by sine wave and remote sense
- *5 At working voltage 125V
- *6 When the output voltage is greater than 40V
- *7 Current total harmonic distortion is tested on input voltage 380Vac with full output power
- *8 Power factor is tested on input voltage 220Vac with full output power
- *10 The operating current must be maintained at greater than 1% of the rated maximum current.
- *11 The Power Factor (PF) setting accuracy is specified under an operating current > 1% of the rated maximum current, a sinusoidal input voltage (V_{thd} < 0.6% @ 30 ~ 100 Hz), and a CF setting of 1.414.
- *12 The operating power must be maintained at greater than 0.5% of the rated maximum power.
- *13 The Phase setting accuracy(F.S.=180deg) is specified under an operating current > 1% of the rated maximum current, a sinusoidal input voltage (V_{thd} < 0.6% @ 30 ~ 150 Hz), and a CF setting of 1.414.
- *14 Efficiency is tested on input voltage 380V and output voltage 250Vac with full output power under linear load
- *15 In the state of non-condensing

The above specifications are subject to change without prior notice.

Technical Specification

Item				RPS-9470	RPS-9540
AC INPUT	Phase			3Ø3W+PE	
	Voltage			380 - 480 VL-L ± 10%	
	Frequency			47 - 63Hz	
	Max. Current			995A/phase (380 - 480 VL-L ± 10%)	1137A/phase (380 - 480 VL-L ± 10%)
	Power Factor(*1)			0.99(Typical)	
AC OUTPUT	Phase Modes			3Ø, 1Ø or Split phase selectable	
	Max. Power			472.5kVA/315kVA(Split phase)	540kVA/360kVA(Split phase)
	Per Phase/Channel			157.5kVA	180kVA
AC VOLTAGE	Range			0 - 350VL-N, 0 - 606VL-L, 0 - 700VL-L(Split phase) Option : 0 - 400VL-N, 0 - 692VL-L, 0 - 800VL-L(Split phase)	
	Resolution			0.1V	
	Setting Accuracy			± (0.1% of setting + 0.2% F.S.)	
	Total Harmonic Distortion (THD)(*2)			<0.4% @ 50/60Hz <0.8% @ 30 - 150Hz	
	Line Regulation (*3)			± 0.1%	
	Load Regulation (*4)			± 0.2%	
	Phase Angle	Range		0 - 359.9°	
		Resolution		0.1°	
MAX. AC CURRENT	RMS(*5)			3024A(1Ø)/1008A(3Ø/Split)	3456A(1Ø)/1152A(3Ø/Split)
	Peak			9072A(1Ø)/3024A(3Ø/Split)	10368A(1Ø)/3456A(3Ø/Split)
	Crest Factor			3	3
FREQUENCY	Range			DC, 30.00 - 150.0 Hz Option : DC, 30.00 - 1000.0 Hz	
	Resolution			0.01Hz	
	Accuracy(*6)			± 0.01% F.S	
DC OUTPUT	Max. Power			472.5kW/315kW(Split phase)	540kW/360kW(Split phase)
	Per Phase/Channel			157.5kW	180kW
DC VOLTAGE	Range			±495Vdc, ±990Vdc(Split phase) Option : ±565Vdc, ±1130Vdc(Split phase)	
	Resolution			0.1V	
	Setting Accuracy			± (0.1 % of setting + 0.2% F.S.)	
MAX. DC CURRENT	Range			2268A(1Ø)/756A(3Ø/Split)	2592A(1Ø)/864A(3Ø/Split)
HARMONIC SYNTHESIS FUNCTION	up to 50 Harmonic orders @ 50/60Hz fundamental frequency				
REGENERATIVE FUNCTION	Current Total Harmonic Distortion (iTHD)(*7)			<9%(Typical)	<9%(Typical)
	Power Factor(*8)			>0.97(Typical)	
CURRENT LIMIT FUNCTION	Setting	Range	1Ø	45 - 3024A	45 - 3456A
			3Ø/Split phase	15 - 1008A	15 - 1152A
		Resolution		1A	
		Accuracy		± (2.0% of setting + 0.5% F.S.)	
	Response Time			< 0.5s	

Item			RPS-9470		RPS-9540	
AC Load Function						
INPUT	Phase		3Ø3W+PE			
	Voltage		380 - 480 VL-L ± 10%			
	Frequency		47 - 63Hz			
	Max. Current		831A/phase (380 - 480 VL-L ± 10%)		950A/phase (380 - 480 VL-L ± 10%)	
	Power Factor(*9)		0.95(Typical)			
Operating Range	Power Rating		472.5kVA(3Ø/1Ø)		540kVA(3Ø/1Ø)	
	Current(rms)		1008A(3Ø) / 3024A(1Ø)		1152A(3Ø) / 3456A(1Ø)	
	Current(peak)		3024A(3Ø) / 9072A(1Ø)		3456A(3Ø) / 10368A(1Ø)	
	Voltage		AC Mode : 30 - 350V, Option: 30 - 400V DC Mode : 20 - 495V, Option: 20 - 565V			
Operating Frequency	Range		DC, 30 – 150 Hz			
CC Mode (each phase)	Current	Range	0 - 1008A		0 - 1152A	
		Resolution / Accuracy(*10)	1A / ± (0.3% of reading + 0.5% F.S.)			
	Crest Factor	Range / Resolution	1.414 - 3.000 / 0.001			
	Power Factor	Range	0.593 - 1.000(type=PF) / 0.202 - 1.000(type=CFPF)			
		Resolution / Accuracy(*11)	0.001 / ± 1% F.S.			
CP/CS Mode (each phase)	Power	Range	0.0 - 472.5kW, 0.0 - 472.5kVA		0.0 - 540kW, 0.0 - 540kVA	
		Resolution	0.1kW / 0.1kVA			
		Accuracy(*12)	± (0.3% of reading + 0.3% F.S.)			
	Crest Factor	Range / Resolution	1.414 - 3.000 / 0.001			
	Power Factor	Range	0.593 - 1.000(type=PF) / 0.202 - 1.000(type=CFPF)			
		Resolution / Accuracy(*11)	0.001 / ± 1% F.S.			
CR Mode (each phase)	Resistance	Range	0.030 - 50Ω		0.026 - 43Ω	
		Resolution / Accuracy(*10)	0.001Ω / ± (0.3% of reading + 0.5% F.S.)			
CZ Mode (each phase)	Impedance	R1 Range / R1 Resolution	0.01 - 1000.00Ω / 0.01Ω			
		R2 Range / R2 Resolution	0.01 - 1000.00Ω / 0.01Ω			
		R3 Range / R3 Resolution	0.01 - 1000.00Ω / 0.01Ω			
		C Range / C Resolution	0 - 1000.000mF / 0.001mF			
		L Range / L Resolution	0 - 1000.000mH / 0.001mH			
CC Phase Lead/Lag Mode (each phase)	Current	Range	0 - 1008A		0 - 1152A	
		Resolution / Accuracy(*10)	1A / ± (0.3% of reading + 0.5% F.S.)			
	Phase	Range	-90.0deg ~ +90.0deg (Current source mode: +90.1deg ~ +180deg & -90.1deg ~ -180deg)			
		Resolution / Accuracy(*13)	0.1deg / ± 1% F.S.			
CP/CS Phase Lead/Lag Mode (each phase)	Power	Range	0.0 - 472.5kW, 0.0 - 472.5kVA		0.0 - 540kW, 0.0 - 540kVA	
		Resolution	0.1kW / 0.1kVA			
		Accuracy(*12)	± (0.3% of reading + 0.3% F.S.)			
	Phase	Range	-90.0deg ~ +90.0deg (Current source mode: +90.1deg ~ +180deg & -90.1deg ~ -180deg)			
		Resolution / Accuracy(*13)	0.1deg / ± 1% F.S.			

Item			RPS-9470	RPS-9540
DC Load Function				
CC Mode (each phase)	Current	Range	0 - 756A	0 - 864A
		Resolution / Accuracy(*10)	1A / ± (0.3% of reading + 0.5% F.S.)	
		Accuracy(*10)	± (0.3% of reading + 0.5% F.S.)	
CV Mode (each phase)	Voltage	Range	20 - 495V	
		Resolution / Accuracy	0.01V / ± (0.1% of reading + 0.2% F.S.) at Voltage > 5V	
CP Mode (each phase)	Power	Range	0.0 - 472.5kW	0.0 - 540kW
		Resolution / Accuracy(*12)	0.1kW / ± (0.3% of reading + 0.3% F.S.)	
CR Mode (each phase)	Resistance	Range	0.026 - 93Ω	0.023 - 82Ω
		Resolution / Accuracy(*10)	0.001Ω / ± (0.3% of reading + 0.5% F.S.)	
Advanced Mode	Mode(each phase)		CCD, CRD	

Item			RPS-9470	RPS-9540
MEASUREMENT	Voltage (AC)	Range	0 - 350VL-N, 0 - 606VL-L, 0 - 700VL-L (Split) Option: 0 - 400VL-N, 0 - 692VL-L, 0 - 800VL-L (Split)	
		Resolution / Accuracy	0.01V / $\pm$ (0.1% of reading + 0.2% F.S.) at Voltage > 5V	
MEASUREMENT	Voltage (DC)	Range	$\pm 495V_{DC}$, $\pm 990V_{DC}$ (Split phase) / Option : $\pm 565V_{DC}$, $\pm 1130V_{DC}$ (Split phase)	
		Resolution / Accuracy	0.01V / $\pm$ (0.1 % of reading + 0.2% F.S.) at Voltage > 5V	
	Current (AC,DC)	Range	1 $\emptyset$	0.0 - 3024.0A
			3 $\emptyset$ /Split phase	0.0 - 1008.0A
		Resolution	0.1A at 0.0 - 999.9A / 1A at Current $\geq$ 1000A	
			$\pm$ (0.4% of reading + 0.3% F.S.)	
	Peak Current	Range	1 $\emptyset$	0.0 - 9072.0Apk
			3 $\emptyset$ /Split phase	0.0 - 3024.0Apk
		Resolution	0.1A at 0.0 - 999.9Apk / 1A at Current $\geq$ 1000Apk	
			$\pm$ (0.4% of reading + 0.6% F.S.)	
	Power (AC,DC)	Range	1 $\emptyset$	0.00kW - 472.50kW
			3 $\emptyset$	0.00kW - 157.50kW
			Split phase	0.00kW - 315.00kW
		Resolution	0.01kW at 0.00 - 99.99kW / 0.1kW at Power $\geq$ 100.0kW	
		Accuracy	$\pm$ (0.4% of reading + 0.4% F.S.)	
	Power Apparent (VA)	Range	1 $\emptyset$	0.00kVA - 472.50kVA
			3 $\emptyset$	0.00kVA - 157.50kVA
			Split phase	0.00kVA - 315.00kVA
		Resolution	0.01kVA at 0.00 - 99.99kVA / 0.1kVA at Power $\geq$ 100.0kVA	
		Accuracy	VxA, Calculated value	
	Power Factor	Range / Resolution	0 - 1.000 / 0.001	
		Accuracy	W / VA ,Calculated and displayed to three significant digits	
	Crest Factor	Range / Resolution	0 - 10.00 / 0.01	
		Accuracy	Ap / A ,Calculated and displayed to two significant digits	
GENERAL	Interface		USB, Ethernet, External I/O(DB25), GPIB Option: CAN Bus	
	Display		Full Color, Touch LCD Display, 5" Diagonal size, 800 x 400 Pixels resolution	
	Protection		OCP, OVP, OPP, OTP, SHORT, FAN	
	V Sense		Yes	
	Efficiency (*9)		90% (Typical)	
	Dimension(H x W x D)		2045 x 1800 x 1100mm 80.51 x 70.87 x 43.31 inch (3x 42U Cabinets coupled)	2045 x 1800 x 1100mm 80.51 x 70.87 x 43.31 inch (3x 42U Cabinets coupled)
	Weight		1860 kg / 4100.60 lbs	2040 kg / 4497.43 lbs
ENVIRONMENTAL	Cooling		Variable speed fan cooled, front intake, rear exhaust	
	Operating / Storage Temperature		0 to 40°C (32°F to 104°F) / -40 to 85°C (-40°F to 185°F)	
	Altitude / Operating Humidity(*10)		2000m (6500 feet) /0% to 95% RAH	
REGULATORY COMPLIANCE	Safety		Low Voltage Directive 2014/30/EU, EN 61010-1:2017	
	EMC		CE marked for EMC Directive 2014/30/EU per EN 61326-1:2013 Class A	
	CE Mark LVD Categories		Installation Overvoltage Category: II; Pollution Degree: 2; indoor use only.	

Note:

- *1 Tested on input voltage 380Vac with full output power
- *2 Maximum distortion is tested on output voltage 350Vac with full output power under linear load
- *3 With respect to changes in the rated range of input voltage.
- *4 Load regulation is tested by sine wave and remote sense
- *5 At working voltage 125V
- *6 When the output voltage is greater than 40V
- *7 Current total harmonic distortion is tested on input voltage 380Vac with full output power
- *8 Power factor is tested on input voltage 220Vac with full output power
- *10 The operating current must be maintained at greater than 1% of the rated maximum current.
- *11 The Power Factor (PF) setting accuracy is specified under an operating current > 1% of the rated maximum current, a sinusoidal input voltage (Vthd < 0.6% @ 30 ~ 100 Hz), and a CF setting of 1.414.
- *12 The operating power must be maintained at greater than 0.5% of the rated maximum power.
- *13 The Phase setting accuracy(F.S.=180deg) is specified under an operating current > 1% of the rated maximum current, a sinusoidal input voltage (Vthd < 0.6% @ 30 ~ 150 Hz), and a CF setting of 1.414.
- *14 Efficiency is tested on input voltage 380V and output voltage 250Vac with full output power under linear load
- *15 In the state of non-condensing

The above specifications are subject to change without prior notice.

Technical Specification

Item				RPS-9600	RPS-9670
AC INPUT	Phase			3Ø3W+PE	
	Voltage			380 - 480 VL-L ± 10%	
	Frequency			47 - 63Hz	
	Max. Current			1279A/phase (380 - 480 VL-L ± 10%)	1421A/phase (380 - 480 VL-L ± 10%)
	Power Factor(*1)			0.99(Typical)	
AC OUTPUT	Phase Modes			3Ø, 1Ø or Split phase selectable	
	Max. Power			607.5kVA/405kVA(Split phase)	675kVA/450kVA(Split phase)
	Per Phase/Channel			202.5kVA	225kVA
AC VOLTAGE	Range			0 - 350VL-N, 0 - 606VL-L, 0 - 700VL-L(Split phase) Option : 0 - 400VL-N, 0 - 692VL-L, 0 - 800VL-L(Split phase)	
	Resolution			0.1V	
	Setting Accuracy			± (0.1% of setting + 0.2% F.S.)	
	Total Harmonic Distortion (THD)(*2)			<0.4% @ 50/60Hz <0.8% @ 30 - 150Hz	
	Line Regulation (*3)			± 0.1%	
	Load Regulation (*4)			± 0.2%	
	Phase Angle	Range		0 - 359.9°	
		Resolution		0.1°	
MAX. AC CURRENT	RMS(*5)			3888A(1Ø)/1296A(3Ø/Split)	4320A(1Ø)/1440A(3Ø/Split)
	Peak			11664A(1Ø)/3888A(3Ø/Split)	12960A(1Ø)/4320A(3Ø/Split)
	Crest Factor			3	3
FREQUENCY	Range			DC, 30.00 - 150.0 Hz Option : DC, 30.00 - 1000.0 Hz	
	Resolution			0.01Hz	
	Accuracy(*6)			± 0.01% F.S	
DC OUTPUT	Max. Power			607.5kW/405kW(Split phase)	675kW/450kW(Split phase)
	Per Phase/Channel			202.5kW	225kW
DC VOLTAGE	Range			±495Vdc, ±990Vdc(Split phase) Option : ±565Vdc, ±1130Vdc(Split phase)	
	Resolution			0.1V	
	Setting Accuracy			± (0.1 % of setting + 0.2% F.S.)	
MAX. DC CURRENT	Range			2916A(1Ø)/972A(3Ø/Split)	3240A(1Ø)/1080A(3Ø/Split)
HARMONIC SYNTHESIS FUNCTION	up to 50 Harmonic orders @ 50/60Hz fundamental frequency				
REGENERATIVE FUNCTION	Current Total Harmonic Distortion (iTHD)(*7)			<9%(Typical)	<9%(Typical)
	Power Factor(*8)			>0.97(Typical)	
CURRENT LIMIT FUNCTION	Setting	Range	1Ø	45 - 3888A	60 - 4320A
			3Ø/Split phase	15 - 1296A	20 - 1440A
		Resolution		1A	
		Accuracy		± (2.0% of setting + 0.5% F.S.)	
	Response Time			< 0.5s	

Item			RPS-9600		RPS-9670	
AC Load Function						
INPUT	Phase		3Ø3W+PE			
	Voltage		380 - 480 VL-L ± 10%			
	Frequency		47 - 63Hz			
	Max. Current		1069A/phase (380 - 480 VL-L ± 10%)		1187A/phase (380 - 480 VL-L ± 10%)	
	Power Factor(*9)		0.95(Typical)			
Operating Range	Power Rating		607.5kVA(3Ø/1Ø)		675kVA(3Ø/1Ø)	
	Current(rms)		1296A(3Ø) / 3888A(1Ø)		1440A(3Ø) / 4320A(1Ø)	
	Current(peak)		3888A(3Ø) / 11664A(1Ø)		4320A(3Ø) / 12960A(1Ø)	
	Voltage		AC Mode : 30 - 350V, Option: 30 - 400V DC Mode : 20 - 495V, Option: 20 - 565V			
Operating Frequency	Range		DC, 30 - 150 Hz			
CC Mode (each phase)	Current	Range	0 - 1296A		0 - 1440A	
		Resolution / Accuracy(*10)	1A / ± (0.3% of reading + 0.5% F.S.)			
	Crest Factor	Range / Resolution	1.414 - 3.000 / 0.001			
		Power Factor	Range	0.593 - 1.000(type=PF) / 0.202 - 1.000(type=CFPF)		
	Resolution / Accuracy(*11)		0.001 / ± 1% F.S.			
CP/CS Mode (each phase)	Power	Range	0.0 - 607.5kW, 0.0 - 607.5kVA		0.0 - 675kW, 0.0 - 675kVA	
		Resolution	0.1kW / 0.1kVA			
		Accuracy(*12)	± (0.3% of reading + 0.3% F.S.)			
	Crest Factor	Range / Resolution	1.414 - 3.000 / 0.001			
		Power Factor	Range	0.593 - 1.000(type=PF) / 0.202 - 1.000(type=CFPF)		
	Resolution / Accuracy(*11)		0.001 / ± 1% F.S.			
CR Mode (each phase)	Resistance	Range	0.023 - 39Ω		0.021 - 35Ω	
		Resolution	0.001Ω			
		Accuracy(*10)	± (0.3% of reading + 0.5% F.S.)			
CZ Mode (each phase)	Impedance	R1 Range / R1 Resolution	0.01 - 1000.00Ω / 0.01Ω			
		R2 Range / R2 Resolution	0.01 - 1000.00Ω / 0.01Ω			
		R3 Range / R3 Resolution	0.01 - 1000.00Ω / 0.01Ω			
		C Range / C Resolution	0 - 1000.000mF / 0.001mF			
		L Range / L Resolution	0 - 1000.000mH / 0.001mH			
CC Phase Lead/Lag Mode (each phase)	Current	Range	0 - 1296A		0 - 1440A	
		Resolution / Accuracy(*10)	1A / ± (0.3% of reading + 0.5% F.S.)			
	Phase	Range	-90.0deg ~ +90.0deg (Current source mode: +90.1deg ~ +180deg & -90.1deg ~ -180deg)			
		Resolution / Accuracy(*13)	0.1deg / ± 1% F.S.			
CP/CS Phase Lead/Lag Mode (each phase)	Power	Range	0.0 - 607.5kW, 0.0 - 607.5kVA		0.0 - 675kW, 0.0 - 675kVA	
		Resolution	0.1kW / 0.1kVA			
		Accuracy(*12)	± (0.3% of reading + 0.3% F.S.)			
	Phase	Range	-90.0deg ~ +90.0deg (Current source mode: +90.1deg ~ +180deg & -90.1deg ~ -180deg)			
		Resolution / Accuracy(*13)	0.1deg / ± 1% F.S.			

Item			RPS-9600	RPS-9670
DC Load Function				
CC Mode (each phase)	Current	Range	0 - 972A	0 - 1080A
		Resolution / Accuracy(*10)	1A / ± (0.3% of reading + 0.5% F.S.)	
		Accuracy(*10)	± (0.3% of reading + 0.5% F.S.)	
CV Mode (each phase)	Voltage	Range	20 - 495V	
		Resolution / Accuracy	0.01V / ± (0.1% of reading + 0.2% F.S.) at Voltage > 5V	
CP Mode (each phase)	Power	Range	0.0 - 607.5kW	0.0 - 675kW
		Resolution / Accuracy(*12)	0.1kW / ± (0.3% of reading + 0.3% F.S.)	
CR Mode (each phase)	Resistance	Range	0.021 - 73Ω	0.019 - 65Ω
		Resolution / Accuracy(*10)	0.001Ω / ± (0.3% of reading + 0.5% F.S.)	
Advanced Mode	Mode(each phase)		CCD, CRD	

Item			RPS-9600	RPS-9670
MEASUREMENT	Voltage (AC)	Range	0 - 350VL-N, 0 - 606VL-L, 0 - 700VL-L (Split) Option: 0 - 400VL-N, 0 - 692VL-L, 0 - 800VL-L (Split)	
		Resolution / Accuracy	0.01V / $\pm$ (0.1% of reading + 0.2% F.S.) at Voltage > 5V	
MEASUREMENT	Voltage (DC)	Range	$\pm 495V_{DC}$, $\pm 990V_{DC}$ (Split phase) / Option : $\pm 565V_{DC}$, $\pm 1130V_{DC}$ (Split phase)	
		Resolution / Accuracy	0.01V / $\pm$ (0.1 % of reading + 0.2% F.S.) at Voltage > 5V	
	Current (AC,DC)	Range	1 $\emptyset$	0.0 - 3888.0A
			3 $\emptyset$ /Split phase	0.0 - 1296.0A
		Resolution	0.1A at 0.0 - 999.9A / 1A at Current $\geq$ 1000A	
	Peak Current	Range	1 $\emptyset$	0.0 - 11664.0Apk
			3 $\emptyset$ /Split phase	0.0 - 3888.0Apk
		Resolution	0.1A at 0.0 - 999.9Apk / 1A at Current $\geq$ 1000Apk	
	Power (AC,DC)	Range	1 $\emptyset$	0.00kW - 607.50kW
			3 $\emptyset$	0.00kW - 202.50kW
			Split phase	0.00kW - 405.00kW
		Resolution	0.01kW at 0.00 - 99.99kW / 0.1kW at Power $\geq$ 100.0kW	
	Power Apparent (VA)	Range	1 $\emptyset$	0.00kVA - 607.50kVA
			3 $\emptyset$	0.00kVA - 202.50kVA
			Split phase	0.00kVA - 405.00kVA
		Resolution	0.01kVA at 0.00 - 99.99kVA / 0.1kVA at Power $\geq$ 100.0kVA	
	Power Factor	Accuracy	$\pm$ (0.4% of reading + 0.4% F.S.)	
		Range / Resolution	0 - 1.000 / 0.001	
	Crest Factor	Accuracy	W / VA ,Calculated and displayed to three significant digits	
		Range / Resolution	0 - 10.00 / 0.01	
		Accuracy	Ap / A ,Calculated and displayed to two significant digits	
GENERAL	Interface		USB, Ethernet, External I/O(DB25), GPIB Option: CAN Bus	
	Display		Full Color, Touch LCD Display, 5" Diagonal size, 800 x 400 Pixels resolution	
	Protection		OCP, OVP, OPP, OTP, SHORT, FAN	
	V Sense		Yes	
	Efficiency (*9)		90% (Typical)	
	Dimension(H x W x D)		2045 x 1800 x 1100mm 80.51 x 70.87 x 43.31 inch (3x 42U Cabinets coupled)	2045 x 2400 x 1100mm 80.51 x 94.49 x 43.31 inch (4x 42U Cabinets coupled)
	Weight		2220 kg / 4894.26 lbs	2600 kg / 5732.02 lbs
ENVIRONMENTAL	Cooling		Variable speed fan cooled, front intake, rear exhaust	
	Operating / Storage Temperature		0 to 40°C (32°F to 104°F) / -40 to 85°C (-40°F to 185°F)	
	Altitude / Operating Humidity(*10)		2000m (6500 feet) /0% to 95% RAH	
	Safety		Low Voltage Directive 2014/30/EU, EN 61010-1:2017	
	EMC		CE marked for EMC Directive 2014/30/EU per EN 61326-1:2013 Class A	
REGULATORY COMPLIANCE	CE Mark LVD Categories		Installation Overvoltage Category: II; Pollution Degree: 2; indoor use only.	

Note:

- *1 Tested on input voltage 380Vac with full output power
- *2 Maximum distortion is tested on output voltage 350Vac with full output power under linear load
- *3 With respect to changes in the rated range of input voltage.
- *4 Load regulation is tested by sine wave and remote sense
- *5 At working voltage 125V
- *6 When the output voltage is greater than 40V
- *7 Current total harmonic distortion is tested on input voltage 380Vac with full output power
- *8 Power factor is tested on input voltage 220Vac with full output power
- *10 The operating current must be maintained at greater than 1% of the rated maximum current.
- *11 The Power Factor (PF) setting accuracy is specified under an operating current > 1% of the rated maximum current, a sinusoidal input voltage (Vthd < 0.6% @ 30 ~ 100 Hz), and a CF setting of 1.414.
- *12 The operating power must be maintained at greater than 0.5% of the rated maximum power.
- *13 The Phase setting accuracy(F.S.=180deg) is specified under an operating current > 1% of the rated maximum current, a sinusoidal input voltage (Vthd < 0.6% @ 30 ~ 150 Hz), and a CF setting of 1.414.
- *14 Efficiency is tested on input voltage 380V and output voltage 250Vac with full output power under linear load
- *15 In the state of non-condensing

The above specifications are subject to change without prior notice.

Technical Specification

Item				RPS-9740	RPS-9800
AC INPUT	Phase			3Ø3W+PE	
	Voltage			380 - 480 VL-L ± 10%	
	Frequency			47 - 63Hz	
	Max. Current			1563A/phase (380 - 480 VL-L ± 10%)	1705A/phase (380 - 480 VL-L ± 10%)
	Power Factor(*1)			0.99(Typical)	
AC OUTPUT	Phase Modes			3Ø, 1Ø or Split phase selectable	
	Max. Power			742.5kVA/495kVA(Split phase)	810kVA/540kVA(Split phase)
	Per Phase/Channel			247.5kVA	270kVA
AC VOLTAGE	Range			0 - 350VL-N, 0 - 606VL-L, 0 - 700VL-L(Split phase) Option : 0 - 400VL-N, 0 - 692VL-L, 0 - 800VL-L(Split phase)	
	Resolution			0.1V	
	Setting Accuracy			± (0.1% of setting + 0.2% F.S.)	
	Total Harmonic Distortion (THD)(*2)			<0.4% @ 50/60Hz <0.8% @ 30 - 150Hz	
	Line Regulation (*3)			± 0.1%	
	Load Regulation (*4)			± 0.2%	
	Phase Angle	Range		0 - 359.9°	
		Resolution		0.1°	
MAX. AC CURRENT	RMS(*5)			4752A(1Ø)/1584A(3Ø/Split)	5184A(1Ø)/1728A(3Ø/Split)
	Peak			14256A(1Ø)/4752A(3Ø/Split)	15552A(1Ø)/5184A(3Ø/Split)
	Crest Factor			3	3
FREQUENCY	Range			DC, 30.00 - 150.0 Hz Option : DC, 30.00 - 1000.0 Hz	
	Resolution			0.01Hz	
	Accuracy(*6)			± 0.01% F.S	
DC OUTPUT	Max. Power			742.5kW/495kW(Split phase)	810kW/540kW(Split phase)
	Per Phase/Channel			247.5kW	270kW
DC VOLTAGE	Range			±495Vdc, ±990Vdc(Split phase) Option : ±565Vdc, ±1130Vdc(Split phase)	
	Resolution			0.1V	
	Setting Accuracy			± (0.1 % of setting + 0.2% F.S.)	
MAX. DC CURRENT	Range			3564A(1Ø)/1188A(3Ø/Split)	3888A(1Ø)/1296A(3Ø/Split)
HARMONIC SYNTHESIS FUNCTION	up to 50 Harmonic orders @ 50/60Hz fundamental frequency				
REGENERATIVE FUNCTION	Current Total Harmonic Distortion (iTHD)(*7)			<9%(Typical)	<9%(Typical)
	Power Factor(*8)			>0.97(Typical)	
CURRENT LIMIT FUNCTION	Setting	Range	1Ø	60 - 4752A	60 - 5184A
			3Ø/Split phase	20 - 1584A	20 - 1728A
		Resolution		1A	
		Accuracy		± (2.0% of setting + 0.5% F.S.)	
	Response Time			< 0.5s	

Item			RPS-9740	RPS-9800
AC Load Function				
INPUT	Phase		3Ø3W+PE	
	Voltage		380 - 480 VL-L ± 10%	
	Frequency		47 - 63Hz	
	Max. Current		1306A/phase (380 - 480 VL-L ± 10%)	1425A/phase (380 - 480 VL-L ± 10%)
	Power Factor(*9)		0.95(Typical)	
Operating Range	Power Rating		742.5kVA(3Ø/1Ø)	810kVA(3Ø/1Ø)
	Current(rms)		1584A(3Ø) / 4752A(1Ø)	1728A(3Ø) / 5184A(1Ø)
	Current(peak)		4752A(3Ø) / 14256A(1Ø)	5184A(3Ø) / 15552A(1Ø)
	Voltage		AC Mode : 30 - 350V, Option: 30 - 400V DC Mode : 20 - 495V, Option: 20 - 565V	
Operating Frequency	Range		DC, 30 - 150 Hz	
CC Mode (each phase)	Current	Range	0 - 1584A	0 - 1728A
		Resolution / Accuracy(*10)	1A / ± (0.3% of reading + 0.5% F.S.)	
	Crest Factor	Range / Resolution	1.414 - 3.000 / 0.001	
	Power Factor	Range	0.593 - 1.000(type=PF) / 0.202 - 1.000(type=CFPF)	
		Resolution / Accuracy(*11)	0.001 / ± 1% F.S.	
CP/CS Mode (each phase)	Power	Range	0.0 - 742.5kW, 0.0 - 742.5kVA	0.0 - 810kW, 0.0 - 810kVA
		Resolution	0.1kW / 0.1kVA	
		Accuracy(*12)	± (0.3% of reading + 0.3% F.S.)	
	Crest Factor	Range	1.414 - 3.000	
		Resolution	0.001	
	Power Factor	Range	0.593 - 1.000(type=PF) / 0.202 - 1.000(type=CFPF)	
CR Mode (each phase)	Resistance	Range	0.019 - 32Ω	0.017 - 29Ω
		Resolution / Accuracy(*10)	0.001Ω / ± (0.3% of reading + 0.5% F.S.)	
CZ Mode (each phase)	Impedance	R1 Range / R1 Resolution	0.01 - 1000.00Ω / 0.01Ω	
		R2 Range / R2 Resolution	0.01 - 1000.00Ω / 0.01Ω	
		R3 Range / R3 Resolution	0.01 - 1000.00Ω / 0.01Ω	
		C Range / C Resolution	0 - 1000.000mF / 0.001mF	
		L Range / L Resolution	0 - 1000.000mH / 0.001mH	
CC Phase Lead/Lag Mode (each phase)	Current	Range	0 - 1584A	0 - 1728A
		Resolution / Accuracy(*10)	1A / ± (0.3% of reading + 0.5% F.S.)	
	Phase	Range	-90.0deg ~ +90.0deg (Current source mode: +90.1deg ~ +180deg & -90.1deg ~ -180deg)	
		Resolution / Accuracy(*13)	0.1deg / ± 1% F.S.	
CP/CS Phase Lead/Lag Mode (each phase)	Power	Range	0.0 - 742.5kW, 0.0 - 742.5kVA	0.0 - 810kW, 0.0 - 810kVA
		Resolution	0.1kW / 0.1kVA	
		Accuracy(*12)	± (0.3% of reading + 0.3% F.S.)	
	Phase	Range	-90.0deg ~ +90.0deg (Current source mode: +90.1deg ~ +180deg & -90.1deg ~ -180deg)	
		Resolution / Accuracy(*13)	0.1deg / ± 1% F.S.	

Item			RPS-9740	RPS-9800
DC Load Function				
CC Mode (each phase)	Current	Range	0 - 1188A	0 - 1296A
		Resolution / Accuracy(*10)	1A / ± (0.3% of reading + 0.5% F.S.)	
		Accuracy(*10)	± (0.3% of reading + 0.5% F.S.)	
CV Mode (each phase)	Voltage	Range	20 - 495V	
		Resolution / Accuracy	0.01V / ± (0.1% of reading + 0.2% F.S.) at Voltage > 5V	
CP Mode (each phase)	Power	Range	0.0 - 742.5kW	0.0 - 810kW
		Resolution / Accuracy(*12)	0.1kW / ± (0.3% of reading + 0.3% F.S.)	
CR Mode (each phase)	Resistance	Range	0.017 - 59Ω	0.015 - 54Ω
		Resolution / Accuracy(*10)	0.001Ω / ± (0.3% of reading + 0.5% F.S.)	
Advanced Mode	Mode(each phase)		CCD, CRD	

Item			RPS-9740	RPS-9800
MEASUREMENT	Voltage (AC)	Range	0 - 350VL-N, 0 - 606VL-L, 0 - 700VL-L(Split) Option: 0 - 400VL-N, 0 - 692VL-L, 0 - 800VL-L(Split)	
		Resolution / Accuracy	0.01V / $\pm$ (0.1% of reading + 0.2% F.S.) at Voltage > 5V	
MEASUREMENT	Voltage (DC)	Range	$\pm 495V_{DC}$, $\pm 990V_{DC}$ (Split phase) / Option : $\pm 565V_{DC}$, $\pm 1130V_{DC}$ (Split phase)	
		Resolution / Accuracy	0.01V / $\pm$ (0.1 % of reading + 0.2% F.S.) at Voltage > 5V	
	Current (AC,DC)	Range	1 $\emptyset$	0.0 - 4752.0A
			3 $\emptyset$ /Split phase	0.0 - 1584.0A
		Resolution	0.1A at 0.0 - 999.9A / 1A at Current $\geq$ 1000A	
			$\pm$ (0.4% of reading + 0.3% F.S.)	
	Peak Current	Range	1 $\emptyset$	0.0 - 14256.0Apk
			3 $\emptyset$ /Split phase	0.0 - 4752.0Apk
		Resolution	0.1A at 0.0 - 999.9Apk / 1A at Current $\geq$ 1000Apk	
			$\pm$ (0.4% of reading + 0.6% F.S.)	
	Power (AC,DC)	Range	1 $\emptyset$	0.00kW - 742.50kW
			3 $\emptyset$	0.00kW - 247.50kW
			Split phase	0.00kW - 495.00kW
		Resolution	0.01kW at 0.00 - 99.99kW / 0.1kW at Power $\geq$ 100.0kW	
		Accuracy	$\pm$ (0.4% of reading + 0.4% F.S.)	
	Power Apparent (VA)	Range	1 $\emptyset$	0.00kVA - 742.50kVA
			3 $\emptyset$	0.00kVA - 247.50kVA
			Split phase	0.00kVA - 495.00kVA
		Resolution	0.01kVA at 0.00 - 99.99kVA / 0.1kVA at Power $\geq$ 100.0kVA	
		Accuracy	V $\times$ A, Calculated value	
	Power Factor	Range / Resolution	0 - 1.000 / 0.001	
		Accuracy	W / VA ,Calculated and displayed to three significant digits	
	Crest Factor	Range / Resolution	0 - 10.00 / 0.01	
		Accuracy	Ap / A ,Calculated and displayed to two significant digits	
GENERAL	Interface		USB, Ethernet, External I/O(DB25), GPIB Option: CAN Bus	
	Display		Full Color, Touch LCD Display, 5" Diagonal size, 800 x 400 Pixels resolution	
	Protection		OCP, OVP, OPP, OTP, SHORT, FAN	
	V Sense		Yes	
	Efficiency (*9)		90% (Typical)	
	Dimension(H x W x D)		2045 x 2400 x 1100mm 80.51 x 94.49 x 43.31 inch (4x 42U Cabinets coupled)	2045 x 2400 x 1100mm 80.51 x 94.49 x 43.31 inch (4x 42U Cabinets coupled)
	Weight		2780 kg / 6128.85 lbs	2960 kg / 6525.68 lbs
ENVIRONMENTAL	Cooling		Variable speed fan cooled, front intake, rear exhaust	
	Operating / Storage Temperature		0 to 40°C (32°F to 104°F) / -40 to 85°C (-40°F to 185°F)	
	Altitude / Operating Humidity(*10)		2000m (6500 feet) /0% to 95% RAH	
	Safety		Low Voltage Directive 2014/30/EU, EN 61010-1:2017	
	EMC		CE marked for EMC Directive 2014/30/EU per EN 61326-1:2013 Class A	
REGULATORY COMPLIANCE	CE Mark LVD Categories		Installation Overvoltage Category: II; Pollution Degree: 2; indoor use only.	

Note:

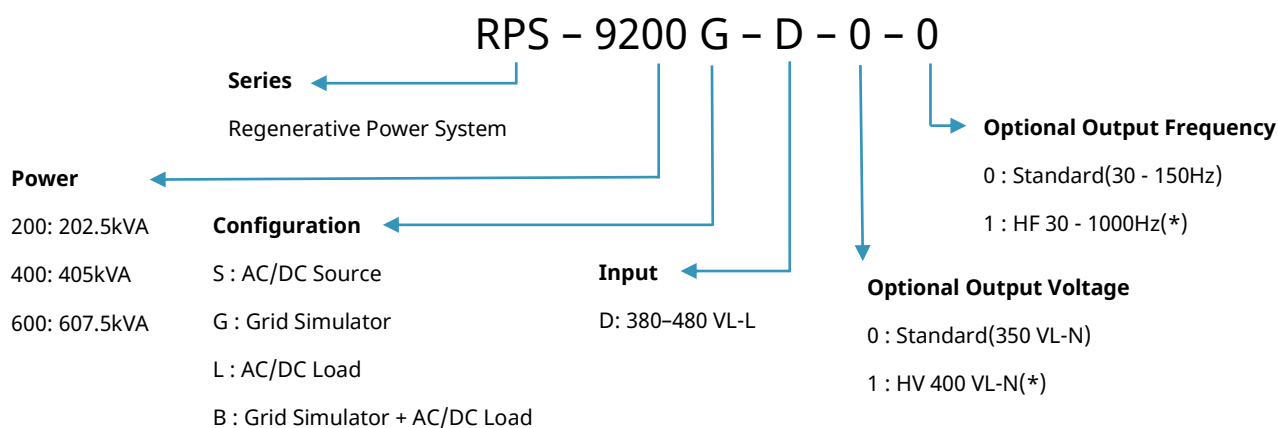
- *1 Tested on input voltage 380Vac with full output power
- *2 Maximum distortion is tested on output voltage 350Vac with full output power under linear load
- *3 With respect to changes in the rated range of input voltage.
- *4 Load regulation is tested by sine wave and remote sense
- *5 At working voltage 125V
- *6 When the output voltage is greater than 40V
- *7 Current total harmonic distortion is tested on input voltage 380Vac with full output power
- *8 Power factor is tested on input voltage 220Vac with full output power
- *10 The operating current must be maintained at greater than 1% of the rated maximum current.
- *11 The Power Factor (PF) setting accuracy is specified under an operating current > 1% of the rated maximum current, a sinusoidal input voltage (Vthd < 0.6% @ 30 ~ 100 Hz), and a CF setting of 1.414.
- *12 The operating power must be maintained at greater than 0.5% of the rated maximum power.
- *13 The Phase setting accuracy(F.S.=180deg) is specified under an operating current > 1% of the rated maximum current, a sinusoidal input voltage (Vthd < 0.6% @ 30 ~ 150 Hz), and a CF setting of 1.414.
- *14 Efficiency is tested on input voltage 380V and output voltage 250Vac with full output power under linear load
- *15 In the state of non-condensing

The above specifications are subject to change without prior notice.

Model Configuration

Model	Output Voltage Vac		Output Current (Aac)		Output Power (Pac)	Phase	Height
	V L-N	V L-L	Arms(1Ø)	Arms(3Ø)			
RPS-9200	350V	606V	1296A	432A	202.5kVA	3Ø,1Ø,Split phase	42U
RPS-9270	350V	606V	1728A	576A	270kVA	3Ø,1Ø,Split phase	42U*2
RPS-9330	350V	606V	2160A	720A	337.5kVA	3Ø,1Ø,Split phase	42U*2
RPS-9400	350V	606V	2592A	864A	405kVA	3Ø,1Ø,Split phase	42U*2
RPS-9470	350V	606V	3024A	1008A	472.5kVA	3Ø,1Ø,Split phase	42U*3
RPS-9540	350V	606V	3456A	1152A	540kVA	3Ø,1Ø,Split phase	42U*3
RPS-9600	350V	606V	3888A	1296A	607.5kVA	3Ø,1Ø,Split phase	42U*3
RPS-9670	350V	606V	4320A	1440A	675kVA	3Ø,1Ø,Split phase	42U*4
RPS-9740	350V	606V	4752A	1584A	742.5kVA	3Ø,1Ø,Split phase	42U*4
RPS-9800	350V	606V	5184A	1728A	810kVA	3Ø,1Ø,Split phase	42U*4

Ordering Information



* Special specifications, please contact the INFIniPOWER Tech. office or your local distributor

Accessories list

Typical Delivery Items	Optional accessories
■ Regenerative Power System ■ USB cable (Type A to Type B) (5m) ■ LAN cable CAT5E(5m) ■ DB25 adapter board (for I/O signal) ■ Test Report	■ Parallel cable (Display port) ■ CAN Bus interface card / CAN Bus cable(5m) ■ GPIB cable(5m) ■ DB25 (male to male) adapter ■ Output voltage calibration fixture(Remote sense cable) ■ RPS-9000 series input power cable(5m)

* Special specifications, please contact the INFIniPOWER Tech. office or your local distributor

Engineering Truth. Redefining the Peak of Power

Founded by experienced power electronics engineers, INFIniPOWER combines over 20 years of R&D expertise with precision engineering to develop mission-critical power testing solutions. Every system is engineered, rigorously validated, and manufactured under internationally recognized quality standards to ensure exceptional accuracy, long-term reliability, and consistent performance. From laboratory validation to utility-scale energy testing, INFIniPOWER empowers customers with trusted technology—powering trust, driving innovation.