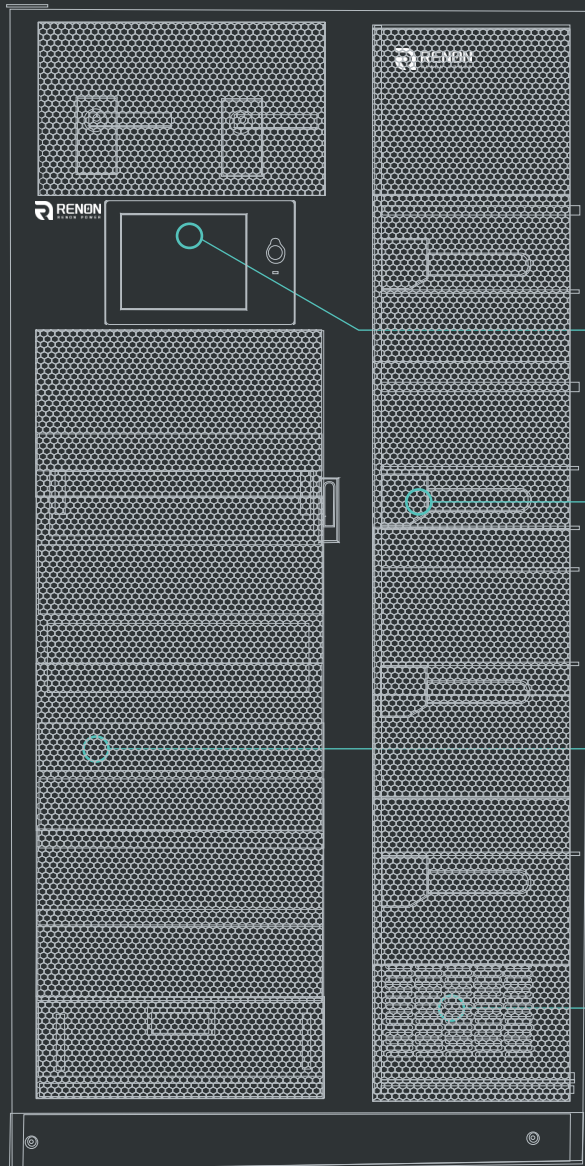
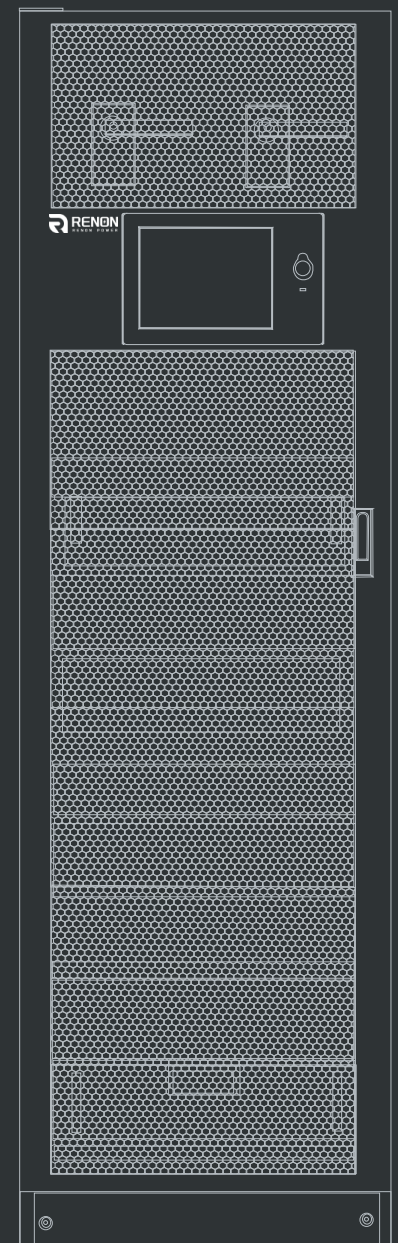


RENON RPS SERIES

Product Specification



- Friendly man-machine interface is equipped with touch screen, which can display in multiple languages
- Intelligent module domancy mode to ensure energy saving in the full load range
- ECO mode ensures the highest efficiency in a stable power



Our modular UPS adopts a number of independent patented technologies and has the characteristics of stability, reliability, green efficiency, intelligence and convenience. The innovative air duct isolation design completely separates the air duct from key components, greatly improves the applicability of the equipment to harsh environment and greatly provides the service life of the product. Our intelligent lithium iron phosphate battery adopts batteries higher than the automobile grade, uses a perfect three-level battery management system, and is equipped with accurate cabinet level fire-fighting modules to ensure the high performance, long life and super safety of the product, provide users with perfect solutions and avoid the worries of customers.

RENON RPS SERIES

Model

R-EMU5000-0300-3304

Cabinet Type	3+1 Module Cabinet	6+1 Module Cabinet	10+2 Module Cabinet	12 Module Cabinet
Max.Capacity	60kVA	125kVA	200kVA	300kVA
Optional Capacity		20kVA/25kVA		

Main Circuit

Layout Manner	3 phases+N lines +PE
Rated Voltage	380/400/415Vac(line voltage)
Rated Frequency	50/60Hz
Voltage Range	304Vac~478Vac(line voltage)Full-load; 304Vac~228Vac(line voltage)Load derating linearty from 80%~100%
Frequency Range	40Hz~70Hz
Power Factor	380/400/415Vac(line voltage)
Rated Frequency	>0.99
Harmonic Content	THDi<3% (Linear full-load);THDi<5% (Non-linear load)

Bypass

Rated Voltage	380/400/415Vac(line voltage)
Voltage Range	Default to -20%~+15%;Settable,Upper limit: +10%,+15%+20%,+25%; Lower limit:-10%,-15%,-20%,-30%,-40%
Frequency Range	Rated Frequency 50/60Hz;Settable(±1Hz,±3Hz,±5Hz)
Overload Capacity	110%Longterm operation,>150% Load operation 200ms

Battery

Battery Voltage	±192Vdc(360~528Vdc;30~44 adjustable batteries,32 batteries by default)
Charging Power	3kW*N(N is the number of power supply module), Optional 50A charging module(occupied power module position)
Voltage Accuracy	±1%

Invert Output

Rated Voltage	380/400/415Vac
Power Factor	1
Rated Frequency	50/60Hz
Voltage Accuracy	≤±1.0%@Balanced load;≤±5.0%@Unbalanced load
Frequency Accuracy	50/60Hz±0.01%
Frequency Tracking Range	Settable,±0.5Hz~±5Hz,Default to ±3Hz
Voltage Waveform Distortion	THDi<2% (100%Linear load);THDi≤4% (Non-linear load)
3-Phase Accuracy	120±1°
Peak Ratio	3:1
Inverter Overload Capacity	<105%, Longterm;<110%, 60 minutes; 110~125%,10 minutes;>125~150%,1minutes;>150%, 200ms

System

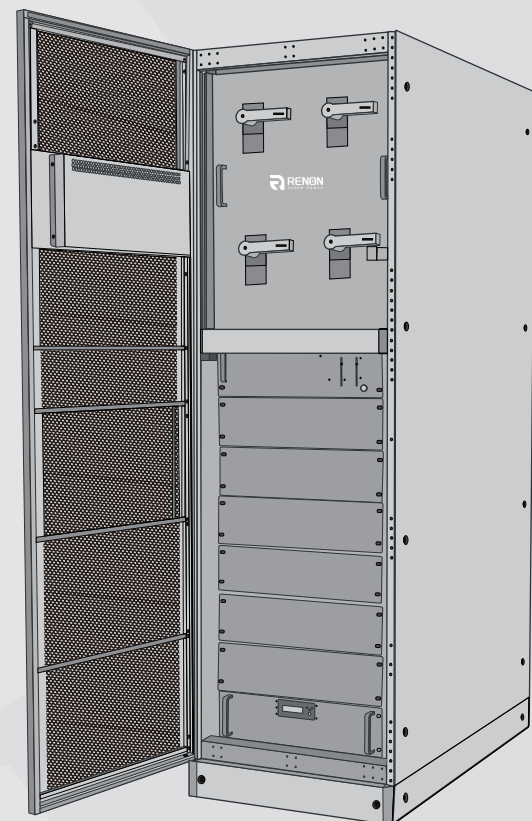
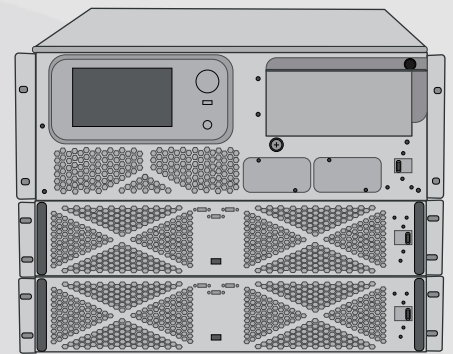
Efficiency	≥96%@Dual Switching Mode;≥98%@ECO Mode
Interface	Touch-screen+LED
Inline Method	Supports uplink and downlink
Standards	Safety Standard:IEC62040-1-1;EMC:IEC62040-2;Design&Test:IEC62040-3
Protection Degree	IP20
Feeder Protection	Standard:Disconnecter,Optional:Fuse
Communication	RS232/RS485/Modbus/SNMP(Optional)/Editable Dry Contact
Operating Environment	Operating Temperature:0~40℃; Relative humidity:0~95℃ (No condensing)
Noise	<65dB@1m
Elevation	No derating on1000M,Power derating by 1% every 100m rise

Size

Cabinet L*W*H(mm)	600x890x1200	600x960x1600	600x1010x2000
ModuleL*W*H(mm)		440x690x86 (2U)	

Weight

Cabinet (Kg)	140	185	250	270
Module(Kg)		25		



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