

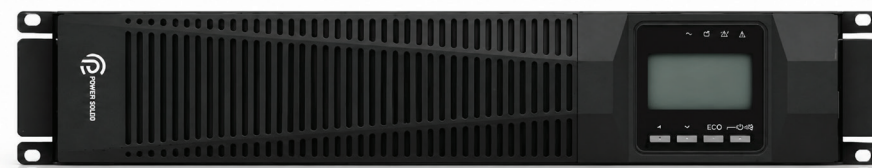
POWER SOLID RM ONLINE UPS

PSPOU6KR#20B9KR

6 KVA

Features

- ▶ N+X parallel redundancy, support maximum 4 units in parallel
- ▶ Wide input voltage range: 110~286Vac
- ▶ Wide input frequency range
- ▶ Selectable output voltage: 208/220/230/240Vac
- ▶ Multiple communication interface: RS232/USB/EPO (Relay card/SNMP card optional)
- ▶ Maximum charging current up to 10A
- ▶ Intelligent fan speed regulation
- ▶ Multiple protection function: short-circuit, overload, overheat, battery overcharge and overdischarge, output low voltage and fan fault alarm



Applications



FINANCE



Telecom



MEDICAL



DATA CENTER

Technical Specifications

MODEL		PSP0U6KR#20B9KR
Capacity		6000VA/6000W
INPUT		
Nominal voltage		208/220/230/240Vac
Input voltage range		110~286Vac
Power factor		≥0.99
Bypass voltage range		Max.voltage: 220V + 25% (Optional + 10%, + 15%, + 20%) 230V: + 20% (Optional + 10%, + 15%) 240V: + 15% (Optional + 10%) Min.voltage: - 45% (Optional - 20%, - 30%)
FREQUENCY		
Frequency range		40~70Hz (50/60Hz Auto-Sensing)
OUTPUT		
Output voltage		208/220/230/240Vac
Voltage regulation		±1%
Power factor		1.0
Output	Line mode	±1%/±2%/±4%/±5%/±10% of the rated frequency (Optional)
	Bat. mode	(50/60±0.1%)Hz
Crest factor		3:1
Harmonic distortion (THDv)		≤2% Linear load ≤5% Non linear load
Transfer time	AC mode to Bat.mode	0ms
	Inverter to Bypass	0ms
Output waveform		Pure Sinewave
Overload	Line mode	Load≤110% last 60min; ≤125% last 10min; ≤150% last 1min; >150% turn to bypass mode immediately
	Bypass mode	40A (Breaker)
Efficiency		up to 93.5%
BATTERY		
Battery voltage		±96/±108/±120Vdc (Settable) ±120Vdc
Capacity (Standard unit)		9Ah/12V (7Ah/12V) optional
Typical recharging time		6~8 hours (To 90% of full capacity)
Charging current		Max.current 10A according to battery capacity
INDICATORS		
LED display		Line mode, Bat.mode, ECO mode, Bypass mode, Battery low voltage, Overload & UPS fault
LCD display		Input voltage, Input frequency, Output voltage, Output frequency, Load percentage, Battery voltage, Inner temperature & Remaining battery backup time
ALARM		
Battery mode		Beeping every 4 seconds
Battery low		Beeping every second
Overload		Beeping twice every second
Fault		Continuously beeping
PHYSICAL		
Dimension (W×D×H)		440x625x86.5mm
Net weight		16kg
ENVIRONMENT		
Operating temperature		0°C~40°C
Storage temperature		-25°C~55°C
Humidity range		20~95%RH @ 0~40°C (Non condensing)
Altitude		<1500m, derating required when >1500m
Noise level		<5dB at 1 Meter