

POWER SOLID ONLINE UPS

PSPOU6K#16B9KR

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		PSP0U6K#16B9KR
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
Output frequency	Line mode	±1%/±2%/±4%/±5%/±10% of the rated frequency (Optional)
	Bat. mode	3:1
Crest factor		≤2% Linear load
Harmonic distortion (THDv)		(50/60±0.1%)Hz ≤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		93.5%
BATTERY		
Battery voltage		±192Vdc
Capacity (Standard unit)		(16 x9Ah)12V
Typical recharging time		6~8 hours (to 90% of full capacity)
Charging current		1A
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 x D x H (mm)		H:191 x 460 x 337 ; S:191 x 460 x 720 (With wheel)
Net weight (kg)		70
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		<55dB at 1 Meter