

## PSPOU6KR#20B9KR

### 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	
<b>INPUT</b>			
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%)	
<b>FREQUENCY</b>			
Frequency range		40~70Hz (50/60Hz Auto-Sensing)	
<b>OUTPUT</b>			
Output voltage		208/220/230/240Vac	
Voltage regulation		±1%	
Power factor		1.0	
Output frequency	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%	
<b>BATTERY</b>			
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	
<b>INDICATORS</b>			
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	
<b>ALARM</b>			
Battery mode		Beeping every 4 seconds	
Battery low		Beeping every second	
Overload		Beeping twice every second	
Fault		Continuously beeping	
<b>PHYSICAL</b>			
Dimension (W×D×H)		440×625×86.5mm	
Net weight		16kg	
<b>ENVIRONMENT</b>			
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	