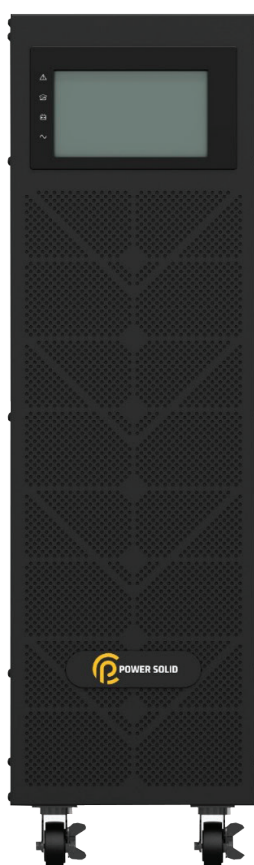




PS-POU40K3#60B9KR

Features:

- >> N+X parallel redundancy, support maximum 4 units in parallel
- >> Wide input voltage range: 208~478Vac
- >> Wide input frequency range 40~70Hz
- >> Generator compatible
- >> Dual input source (Optional for standard unit)
- >> Maximum charging current up to 20A (Settable)
- >> Generator compatible
- >> Self-testing when UPS startup
- >> Intelligent fan speed regulation



Applications



FINANCE



Telecom



MEDICAL



INDUSTRIAL

Technical Specifications

MODEL	PS-POU40K3#60B9KR	
Capacity		40kVA / 36kW
		40kVA / 40kW
INPUT		
Nominal voltage	380/400/415Vac (3Ph+N+PE)	
Operating voltage range	305~478Vac (Full load); 208~478Vac (50% load)	
Operating frequency range	40~70Hz (50/60Hz Auto-Sensing)	
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 protection range	50/60Hz±10%	
ECO range	Same as bypass	
Harmonic distortion (THDi)	≤3% Linear load	
OUTPUT		
Output voltage	380/400/415Vac (3Ph+N+PE)	
Voltage regulation	±1%	
Power factor	0.9	
Output frequency	Line mode	±1%/±2%/±4%/±5%/±10% of the rated frequency (Optional)
	Bat. mode	50/60 (±0.1%)Hz
Transfer time	AC mode to Bat.mode	0ms
	Inverter to Bypass	0ms
Output waveform	Pure Sinewave	
Crest factor	3:1	
Harmonic distortion (THDv)	≤2% Linear load	
	≤5% Non linear load	
Overload	AC mode	≤110% 60min, ≤125% 10min, ≤150% 1min, >150% immediately turn to bypass
	Bat.mode	≤110% 10min, ≤125% 1min, ≤150% 5s, >150% immediately shut down
EFFICIENCY		
Efficiency	Up to 94.5%	
BATTERY		
Battery voltage	Standard unit	±180Vdc(2×30pcs 9Ah)(2×30pcs 7Ah optional)
	Long run unit	40kVA: ±180/192/204/ 216/228/240/252/264/ 276/288/300Vdc (30/32/ 34/36/38/40/42/44/46/48 /50pcs)
Charge Current	Standard unit	2.7A
	Long run unit	20A (Max.)
PHYSICAL		
Dimension W×D×H	Standard unit	250×900×868mm
	Long run unit	250×580×655mm
Net weight	Standard unit	239kg (2×30pcs 9Ah)
	Long run unit	46kg
ENVIRONMENTAL		
Operating temperature	0~40°C	
Storage temperature	-25~55°C (No battery)	
Humidity range	0~95% (Non condensing)	
Altitude	<1500m, derating required when>1500m	
Noise level	<64dB	