THE CROWN OF POWER SOLUTION

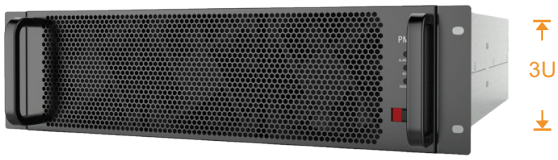
PS-PMU300K50#46BC0K

Applications

- Data center
- Telecom system
- Computer room
- Financial system
- Precision instrument
- Intelligent equipment
- Industry

Advanced Technology:

- Online double conversion
- Battery cold start function
- Advanced power module sleep mode
- Dual system control card
- Self-load test function
- Frequency converter function
- Redundant design



50K Module

Green Power:

- Efficiency up to 96%
- Intelligent fan speed control
- ECO mode and EPO function

Excellent Flexibility:

- Allow 100% three phase unbalance load
- Intelligent battery management
- Parallel expansion up to 8 units
- Fault Trace Management (FTM)
- Programmable dry contacts

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Technical Specification

MODEL		PS-PMU300K50#46BC0K
Capacity (kW)		50
INPUT		
Rated Voltage (Vac)		380/400/415
Voltage Range (Vac)		L: L 138~485
Input Frequency (Hz)		40~70
Bypass Voltage Range (Vac)		-15% (-20%/-30% optional) ~+15% (+10% /+20% optional)
Power Factor		≥0.99
THDi		<5% (nonlinear, full load)
Phase		3Φ4W+PE
Battery Voltage (Vdc)		±240 (±168~±276 settable)
Charging Current (A)		N×10 Maximum (N: the number of power modules)
OUTPUT		
Capacity (kVA)		300
Power Factor		1
Phase		3Φ4W+PE
Waveform		sine wave
Voltage (Vac)		L-L:380, 400, 415±1%
Frequency (Hz)		50/60± 0.2% (battery mode)
Three Phase Difference		≤1 degrees
THDv		≤1% (linear load, full load), ≤4% (nonlinear load, full load)
Static Bypass Transfer Time		0
Max. System Efficiency		97%
Parallel Mode		Advanced no-master-slave parallel technology, N+1 redundancy
Overload Capacity		106-110% load for 60mins, 111%-130% load for 10mins,131%-150% load for 1 min, 151%-200% load for 200ms
GENERAL		
Working Temperature (°C)		-5~40
Storage Temperature (°C)		-40~70
Relative Humidity		0%~95%, no condensing
Battery Type		Lead-acid batteries and lithium iron phosphate batteries
Communication Interface		RS485, RS232, dry contact (SNMP optional)
Noise (dB)		< 70
Dimension (W×D×H) (mm)		600×860×2000
Weight (kg)	Cabinet	236
	Bypass Module	25
	Power Module	33