

**PS-PMU600K50#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

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

**50K Module**

Technical Specification

MODEL		PS-PMU600K50#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% (nolinear, 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)		600	
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% (nolinear 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)		1200×860×2000	
Weight (kg)	Cabinet	427	
	Bypass Module	31	
	Power Module	33	