

Online Transformer-free UPS

PV33 BM Series 300-800 kVA



Advanced Technology:

- Online double conversion
- Fully DSP control
- Advanced 3-level technology, high input power factor
- Self-load function

Green Power:

- Efficiency up to 97%
- Intelligent fan speed control
- ECO mode and EPO function
- Efficiency 99% at ECO mode

Excellent Flexibility:

- Full protection function
- PCB boards feature with anti-corrosion paint coating
- Support 8 units in parallel, single/parallel system compatible



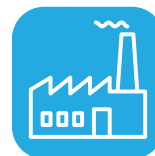
Data Center



Precision Inst



Intelligent



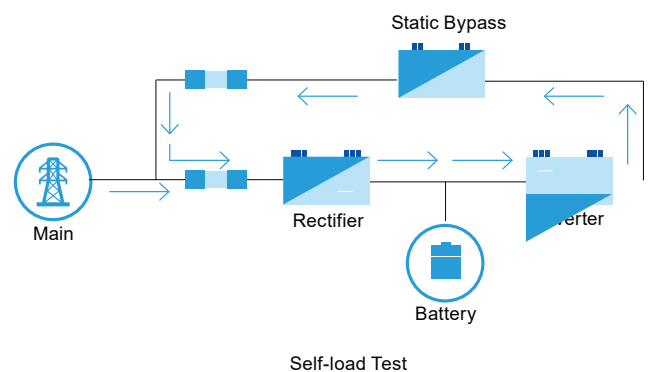
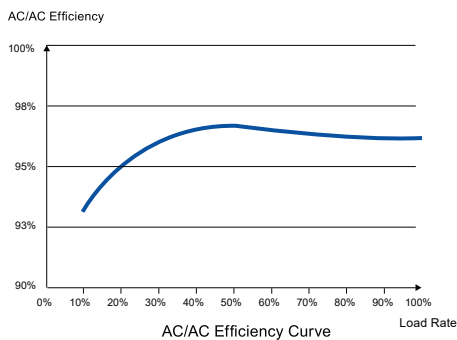
Commercial



Networking



Computer Room



www.powerwave-energy.com

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Specifications



MODEL	PV33300BM	PV33400BM	PV33500BM	PV33600BM	PV33800BM
INPUT					
Voltage (Vac)	380/400/415				
Voltage Range	-40%~+25%				
Phase	3Ph+N+PE				
Rated frequency (Hz)	50/60				
Frequency Range	±5% / ±10%				
Power Factor	0.99				
THDi	≤3%				
BYPASS					
Input Voltage (Vac)	380/400/415				
Voltage Range	-25%~+20%				
Frequency Range	±5% / ±10%				
OUTPUT					
Capacity (kVA)	300	400	500	600	800
Output Voltage (Vac)	380/400/415±1%				
Frequency (Hz)	50/60±0.1				
Power Factor	0.9 (1.0 optional)				
THDv	<0.5% (linear load), ≤5% (nonlinear load)				
Max. Efficiency	97%				
Phase	3Ph+N+PE				
Overload	100%~125% load for 10mins; 126%~150% load for 1 min				100%~110% load for 60 min, 111%~125% load for 10 min, 126%~150% load for 1 min
Dynamic Response Time (ms)	20				
Dynamic Response Range	≤5%				
BATTERY					
Voltage (Vdc)	480 (12V battery from 32 to 44 cells settable)				
Charging Current (A)	20-100				
OTHER					
Operating Temperature ()	-5~40				
Storage Temperature ()	-25~55				
Noise (dB)	<75				
Communication	RS232/RS485, MODBUS, dry contact, SNMP (optional)				
Dimension (W×D×H)(mm)	1400×900×1800		1600×1000×1800		1900×1000×1800
Weight (kg)	850	1000	1300	1400	1800

◆ Specification is subject to change without prior notice.

