

PW-M Modular SERIES

Industrial
Processes



Financial



Telecom



Medical



Networks



PW-M Modular series, The PW-M series modular UPS provides the most compact footprint of less than 2m² with maximum, capacity of 900kVA. With best reliability and high performance, it has been leading the domestic market for years.

PW-M series is considered to be the best power protection solution for large data centers, as well as for sensitive electronics.



30kVA Power Module
PW-M 3330

General Specifications :

- Independent LCD for Each Power Module
- Friendly Interface
- Isolated Air Flow
- Unique Design for High Reliability
- High Density, Modular, Scalable
- Hot swappable power module and bypass & monitoring module
- Smart sleep function
- Self-aging mode.
- Programmable Dry Contact

Technical Specifications

Model Name	PW-M 30-180	PW-M 30-300	PW-M 30-600
	180kVA	300kVA	600kVA
Main Input			
Grid System	3 Phases + Neutral + Ground		
Rated Input Voltage	380/400/415VAC (Line-Line)		
Rated Frequency	50/60Hz		
Input Voltage Range	304~478Vac (Line-Line),full load; 228V~304Vac (Line-Line),load decrease linearly according to the min phase voltage		
Input Frequency Range	40Hz~70Hz		
Input Power Factor			
Input Current THDi	<3% (full Linear Load)		
Bypass Input			
Rated Bypass Voltage	380/400/415VAC (Line-Line)		
Rated Frequency	50/60Hz		
Bypass Voltage Range	Selectable, default -20%~+15% Upper limit: +10%, +15%, +20%, +25%; Lower limit: -10%, -15%, -20%, -30%, -40%		
Bypass Frequency Range	Selectable, ±1Hz, ±3Hz, ±5Hz		
Bypass Overload	110% Long term operation; 110%~125% for 5min; 125%~150% for 1min;		
Output			
Rated Inverter Voltage	380/400/415VAC (Line-Line)		
Rated Frequency	50/60Hz		
Output Power Factor	0.9		
Voltage precision	±1.5%(0-100% linear load)		
Transient Response	<5% for step load (20% - 80% -20%)		
Transient recovery	< 30ms for step load (20% - 100% -20%)		
Output Voltage THDu	<1% (linear load); <6% (non-linear load)according to IEC/EN62040-3		
Inverter Overload			
Frequency Regulation	50/60Hz±0.1%		
Synchronized Range	Settable, ±0.5Hz ~ ±5Hz, default ±3Hz		
Synchronized Slew Rate	Settable, 0.5Hz/s~ 3Hz/s, default 0.5Hz/s		
Battery And Charger			
Battery Rate Voltage	±240VDC		
Charger Voltage precision	1%		
Charger Power	max=20%		
Efficiency			
Normal Operation	>95%		
Battery Operation	>95%		
ECO Opetation	>99%		
System			
Display	10.4" touch colour LCD+LED+Keyboard		
Interface	Standard:RS232, RS485, USB,Dry Contact; Option: SNMP,AS/400		
Environmental			
Operation Temperature	0 ~ 40 °C		
Storage Temperature	-40 ~ 70 °C		
Relative Humidity	0 ~ 95% (Non condensing)		
Noise (1 meter)	65dB @ 100% load, 62dB @ 45% load		72dB @ 100% load, 68dB @ 45% load
Physical data			
Power Module Dimension (W*D*H,mm)	460*790*134		
power Module Weight (kg)	34		
Cabinet Dimension(W*D*H,mm)	600*1100*1600	600*1100*2000	2000*1050*2000
Cabinet Weigh (kg)	165	220	660

*Specifications are subject to be changed without prior notes