

PRO M Series

100~1200kVA Modular UPS



Power range

100~1200kVA



Operation

3P/3P, Online double conversion



Applications

Government, Finance, IT, Education, Transportation, Broadcasting, Medical, Energy, etc.



Characteristics

- Fully digital control, flexible and robust.
- 10 inch touch LCD, with IoT functions.
- High reliability and environmental adaptability, with protection of components level.
- Supports battery connection without Neutral.
- Maximum capacity of up to 3.2MW, the ideal choice for large data centers.



Model	PRO M 600/100E	PRO M 800/100E	PRO M 1000/100E	PRO M 1200/100E	
Rate Power	600kVA	800kVA	1000kVA	1200kVA	
Main input	Input	3P5W (3P+N+PE)			
	Rate Voltage	380/400/415VAC(L-L)			
	Rate Freq.	50/60Hz			
	Input PF	>0.99			
	Current distortion	THDi<2%			
	Voltage range	304 ~ 478VAC(L-L)full load; 304 ~ 228VAC (L-L) power derate from 100% to 50%			
	Freq. range	40-70Hz			
Battery	Rate voltage	3 wires: ± 240 VDC / 2 wires: 480VDC			
	Charging capacity	Max. 15%*Pout			
	Charging accuracy	$\pm 1\%$			
Bypass	Rate voltage	380/400/415VAC(L-L)			
	Voltage range	Range: -40%- +25% , Settable, default -20% ~ +15%;			
	Overload	110%, long time operation 110%< load<125%, 10 mins 125%<load<150%,1 min >150%,1s			
Inverter	Rate voltage	380/400/415VAC(L-L)			
	Rate Freq.	50/60Hz			
	Output PF	1			
	Voltage accuracy	$\pm 1.0\%$			
	Output THDu	<1%(linear load),<3% (non-linear load according to IEC 62040-3)			
	Overload	110%,1 hour; 125%,10 mins; 150%,1 min; >150%,200ms			
	Frequency accuracy	0.1%			
	Synchronize window	Settable, ± 0.5 Hz- ± 5 Hz, default ± 3 Hz			
	Slew rate	Settable, 0.5Hz/S-3Hz/S, default 0.5Hz/S			
	Crest factor	3:1			
	Phase Accuracy	$120^\circ \pm 0.5^\circ$			
	Efficiency	Up to 97%			
	System	Display	LED + 10 inch touch LCD		
Certification- Safety		IEC62040-1, IEC60950-1			
Certification- EMS		IEC62040-2; IEC61000-4-2(ESD); IEC61000-4-3(RS); IEC61000-4-4 (EFT); IEC61000-4-5 (Surge)			
IPdegree		IP20			
Configuration		USB, RS232, RS485, Dry contact, Cold start, Air filter			
Option		SNMP card 、 AS400 card、 Parallel kit 、 SPD、 Top air outlet			
Environment		0-40°C (operation); -25°C ~70°C (storage); 0-95% (Humidity, non-condensing)			
Noise(dB)(1 meter)		72dB @ 100% load, 68dB @ 45% load			
Dimension		Cabinet(W*D*H)mm	800*1000*2000	1200*1100*2000	
		Module(W*D*H)mm	475*705*140		
Weight(kg)	Cabinet	380	390	624	
	Module	47			
Power Module rated capacity	100KW				