

PRO M Series

60~600kVA Modular UPS



Power range

60~600kVA



Operation

3P/3P, Online double conversion



Applications

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



Characteristics

- Fully digital control, flexible and robust.
- 7 & 10 inch touch LCD, with IoT functions.
- High reliability and environmental adaptability, with protection of components level.
- Intelligent system self-diagnosis, rich fault recording, large capacity of history record storage space.
- Maximum system capacity up to 1.8MVA, the best solution for mega data center.



Model	PRO M 240/60	PRO M 300/60	PRO M 480/60	PRO M 600/60	
Rate Power	240kVA	300kVA	480kVA	600kVA	
Main input	Input 3P5W (3P+N+PE)				
	Rate Voltage 380/400/415VAC(L-L); 220/230/240VAC(L-N)				
	Rate Freq. 50/60Hz				
	Input PF >0.99				
	Current distortion THDi<3%				
	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 ±240VDC(default 40 PCS,30-50 PCS, selceted)				
	Charging capacity Max. 20%*Pout				
	Charging accuracy ±1%				
Bypass	Rate voltage 380/400/415VAC(L-L)220/230/240VAC(L-N)				
	Voltage range Range: -40%- +25% , Settable, default -20% ~ +15%;				
	Overload <110%, long time operation 110%< load<125%, 10 mins 125%<load<150%,1 min				
Inverter	Rate voltage 380/400/415VAC(L-L); 220/230/240VAC(L-N)				
	Rate Freq. 50/60Hz				
	Output PF 1				
	Voltage accuracy ±1.0%				
	Output THDu <1%(linear load),<5% (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, ±0.5Hz-±5Hz, default ±3Hz				
	Slew rate Settable, 0.5Hz/S-3Hz/S, default 0.5Hz/S				
	Crest factor 3:1				
	Phase Accuracy 120°±0.5°				
	Efficiency Up to 96%				
	Display	LED + 7 inch touch LCD	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)				
System	IP degree IP20				
	Configuration USB, RS232, RS485, Dry contact, Cold start, Air filter				
	Option SNMP card、AS400 card、Parallel kit、SPD				
	Environment 0-40℃(operation); -25℃~70℃(storage); 0-95% (Humidity, non-condensing)				
	Noise(dB)(1 meter) 72dB @ 100% load, 69dB @ 45% load				
Dimension	Cabinet(W*D*H)mm	600*1000*1600	600*1000*2000	1200*1000*2000	1200*1100*2000
	Module(W*D*H)mm	442*659*174			
Weight(kg)	Cabinet	185	248	350	578
	Module	41			
Power Module rated capacity	60KW				