

# PRO M Series

## 50~600kVA Modular UPS



### Power range

50~600kVA



### 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.
- Supports battery connection without Neutral.
- Minimal footprint, standard width of 600mm, depth of all models only 750mm.



Model	PRO M 200/50A	PRO M 300/50A	PRO M 400/50A	PRO M 500/50A	PRO M 600/50A	
Rate Power	200kVA	300kVA	400kVA	500kVA	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<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 ±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 96.5%					
	System	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)				
Certification- Pref.		IEC62040-3				
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, 69dB @ 45% load				
Dimension		Cabinet(W*D*H)mm	600*750*1600	600*750*2000	600*1000*2000	1200*850*2000
		Module(W*D*H)mm	440*475*140			
Weight(kg)	Cabinet	170	220	320	450	
	Module	23				
Power Module rated capacity	50KW					