

PRO M Series

30~300kVA Modular UPS



Power range

30~300kVA



Operation

3P/3P,3P/1P,1P/1P,Online double conversion



Applications

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



Characteristics

- Mounted in 19 inch rack, or stand alone.
- 7&10 inch touch LCD, with IoT functions.
- High reliability and environmental adaptability, with protection of components level.
- Extreme high power density, 30kW in 2U, friendly for space and maintenance.
- Option of 30A charger module for long backup applications.



Model	PRO M 120/30	PRO M 180/30	PRO M 300/30
Rate Power	120kVA/120kW	180kVA/180kW	300kVA/300kW
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 ± 240 VDC(default 40 PCS,30-50 PCS, selceted)		
	Charging capacity Max. 20%*Pout		
	Charging accuracy $\pm 1\%$		
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 $\pm 1.0\%$		
	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, ± 0.5 Hz- ± 5 Hz, default ± 3 Hz		
	Slew rate Settable, 0.5Hz/S-3Hz/S, default 0.5Hz/S		
	Phase Accuracy $120^\circ \pm 0.5^\circ$		
System	Efficiency Up to 95.5%		
	Display LED + 7 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. ICE62040-3		
	Configuration USB, RS232, RS485, Dry contact, Cold start		
	Option SNMP card, AS400 card, Parallel kit, Air filter, Bottom entry kit		
	Environment 0-40°C (operation); -25°C~70°C (storage); 0-95% (Humidity, non-condensing)		
	Noise(dB)(1 meter) 65dB @ 100% load, 62dB @ 45% load		
	Dimention	cabinet(W*D*H)mm	482*816*796 (no wheels)
module(W*D*H)mm		440*678*85 (2U)	
Weight(kg)	Cabinet	113	132 260
	Module	23	
Power Module rated capacity	30KW		