

PRO M Series

30~150kVA Modular UPS
Internal 7/9Ah modular battery strips



Power range

30~150kVA

Operation

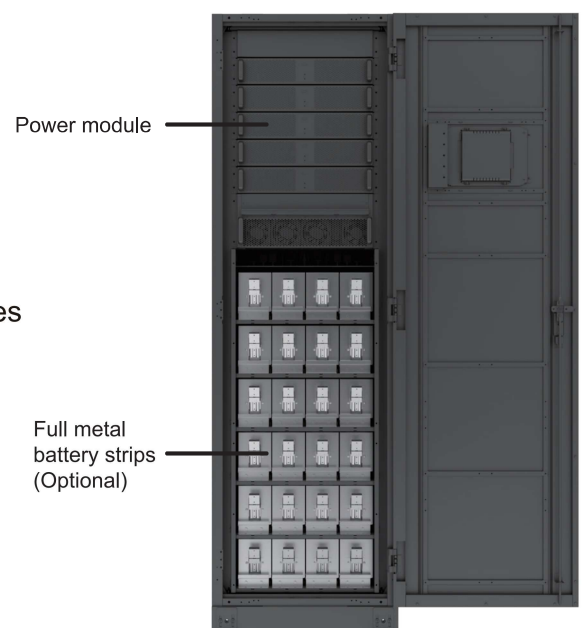
3P/3P, Online double conversion

Applications

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

Characteristics

- 10 inch touch LCD with IoT functions.
- High power density, small volume.
- High reliability and environmental adaptability.
- Optional full metal battery strips, with internal batteries capable of configuring up to 24 pcs battery strips.
- Standard configuration for mains input/output, maintenance bypass, battery breaker.



Model	PRO M 090K/30-240P	PRO M 150K/30-240P
Rate Power	90kVA	150kVA
Input	3P5W (3P+N+PE)	
Rate Voltage	380/400/415VAC(L-L); 220/230/240VAC(L-N)	
Rate Freq.	50/60Hz	
Main input	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	
Rate voltage	±240VDC	
Battery	Model UPS with internal batteries, 12VDC/7~9Ah	
Quantity	Battery strips	
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%	
Frequency range	50/60Hz, Settable: ±1Hz, ±3Hz, ±5Hz	
Rate voltage	380/400/415VAC(L-L); 220/230/240VAC(L-N)	
Rate Freq.	50/60Hz	
Output PF	1	
Voltage accuracy	±1.0%	
Inverter	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 + 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, Air filter	
Option	SNMP card, AS400 card, Parallel kit, Cold start	
Environment	0-40°C (operation) ; -25°C~70°C (storage) ; 0-95% (Humidity, non-condensing)	
Dimension	Cabinet (W*D*H) mm 600*1000*2000	
Module(W*D*H) mm	440*678*86(2U)	
Weight(kg)	Cabinet(No include batteries) 260	280
Module	23	
Power module rated capacity	30KW	