RM 180/30 Series

25~180kVA Modular UPS

Opeartion

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

Applications

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

Features

- Mounted in 19 inch rack, or stand alone
- 7 inch touch LCD, with IoT functions
- High reliability and environment 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	RM100/25	RM120/30	RM150/25	RM180/30
Rate Power	100kVA/100kW	120kVA/120kW	150kVA/150kW	180kVA/180kW
Main input				
Input	3P5W (3P+N+PE)			
Rate Voltage	380/400/415VAC(L-L)ˇO220/230/240VAC(L-N)			
Rate Freq.	50/60Hz			
Input PF	>0.99			
Current distortion	THDi<3%(100% Linear load)			
Voltage range	304~478VAC(L-L)full load; 304~228VAC (L-L) power derate from 100% to 75%			
Freq. range	40-70Hz			
Battery				
Rate voltage	±240VDC			
Charging capacity	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%ˇA+15%ˇO			
Overload	110%, long time operation; 110%< load<125%, 5 mins; 125%<load<150%,1 min; >150%,1 second			
Inverter				
Rate voltage	380/400/415VAC(L-L)ˇO220/230/240VAC(L-N)			
Rate Freq.	50/60Hz			
Output PF	1			
Voltage accuracy	±1.0%			
Load response	<5% (20% - 80% -20% step load)			
Recovery time	< 20ms (0% - 100% -0% step load)			
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			
Phase Accuracy	120°±0.5°			
System				
Efficiency	Normal Mode≥96%; Battery Mode≥96%			
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)			
IP degree	IP20			
Configuration	USB, RS232, RS485, Dry contact, Cold start			
Option	SNMP card, AS400 card, Parallel kit, LBS, Air filter			
Environment	0-40℃ (operation); -25℃ ~70℃ (storage); 0-95% (Humidity, non-condensing)			
Noise(dB)(1 meter)	65dB @ 100% load, 62dB @ 45% load			
Dimension				
Cabinet(W*D*H)mm	482*816*796 (18U, wheels not included)		482*816*1018 (23U, wheels not included)	
Module(W*D*H)mm	440*678*85 (2U)			