

Modular Power

10-60 kVA

High output power factor 0.9
Three-phase/Three-phase

Highlights

- Modular design with swappable battery package
- Monitor system for battery
- Integrated IGBT module with improved performance and reduced size
- Easy for installation and maintenance
- Easy for power expansion and backup time expansion.
- Intelligent protection technology for safe and reliable hot swappable battery package of the system
- Smart charging management system, intelligently control the whole process of the charging and discharging effectively improve the life time of the battery
- Battery cold start, UPS can be powered on from the battery without utility.
- Friendly human machine interface with touch screen



TIS. 1291 (TYPE 1) 2553
TIS. 1291 (TYPE 2) 2553
TIS. 1291 (TYPE 3) 2555

Modular Power is modular online UPS with hot-swappable battery. The single cabinet power rating covers from 10kVA to 60kVA which delivers the best of combination of reliability, hot-swappable and flexibility. With intelligent battery protection and management technology, Modular Power realized a compact total power solution which is easy for installation, maintenance and power expansion. This model is exactly the best choice for medium power applications

POWER MODULE



PM 10KVA



PM 15KVA



PM 20KVA

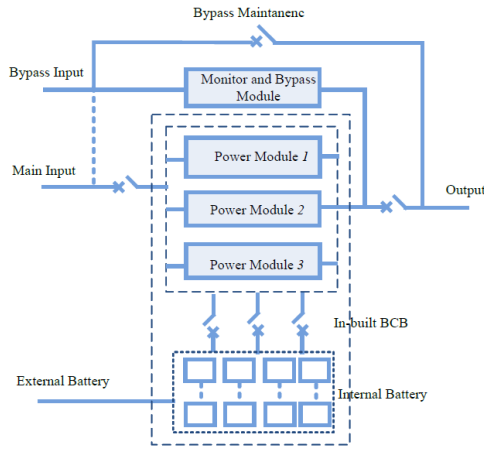
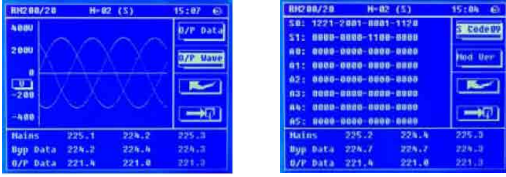
BATTERY PACKAGE



Modular Power

10-60 kVA Three phase/Three phase

TOUCH SCREEN LCD DISPLAY



MODEL		RM030/10B	RM045/15B	RM060/20B
CAPACITY	(VA)	10-30KVA	15-45KVA	20-60KVA
	(W)	9-27KW	13.5-40.5KW	18-54KW
Power Module		PM10	PM15	PM20
INPUT				
Phase		380V/400V/415V(line to line) 3 Phase + Neutral + Ground		
Voltage Range		380VAC ± 25%		
Frequency Range		40Hz ~ 70Hz		
Power Factor		> 0.99		
THDi		THDi<3% @ 100% linear load		
OUTPUT				
Output Voltage		380V / 400V / 415Vac		
Power Factor		0.9		
Voltage Range		±1%		
Frequency		50/60 ± 0.5%(battery mode)		
THDu		THD < 1.5% (Linear Load), THD < 5.%(Non-linear load)		
Transfer Time		0 ms		
Waveform		Pure Sinewave		
Crest Factor		3:1		
Overload		110% for 1 hour; 125% for 10 minutes; 150% for 1 minute; >150% for 200ms		
BATTERY				
DC voltage		±240VDC		
Charge Power Precision		±1%		
Charge Power		20%*System Power		
SYSTEM				
System Efficiency		Normal mode: 95%; ECO mode: 98%; Battery mode: 95%		
Display		LCD+LED, Touch Screen + Keyboard		
IP Class		IP20		
Interface		RS232, RS485, Dry contacts, SNMP card, EPO, Generator interface		
Operation/Storage Temperature		0-40°C/40-70°C		
Relative Humidity		0~95% (Non-condensing)		
Noise Level		55dB(1 meter away)		
PHYSICAL				
Dimension W x D x H (mm)	Cabinet	600 x 1020 x 2000		
	Power Module	PM10/PM15/PM20: 440 x 590 x 134(mm)		
Weight (kg)	Cabinet	200kg		
	Power Module	PM10: 20kg	PM15: 21kg	PM20: 21kg
	Battery Package	10kg(without battery)		



TIS.1091 (TYPE 1) 2553
TIS.1091 (TYPE 2) 2553
TIS.1091 (TYPE 3) 2555

- All specifications subject to change without notice.
- Custom-made specifications are acceptable.
- Manufactured by factory with ISO 9001, ISO 14001, CE, STANDARD