

Modular Power

25-600 kVA

High output power factor 0.9 or 1.0
Three-phase/Three-phase

Highlights

- Modular design with N+X redundancy, online hot-swappable
- High power density of 600KVA in one single cabinet, 30KVA power module with only 3U height
- Green and energy saving: AC/AC efficiency >95%, input power factor >0.99 while input THDi <3%
- Full DSP control of high stability, reliability and safety
- Integrated IGBT module with improved performance and reduced size
- Self-Aging mode for full load test with less than 10% of the total power capacity needed
- Smart Sleeping mode for energy saving and prolong the life time of the system
- Optimized battery management, 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
- Automatically record the information when faults happen, easy for trouble shooting
- Monitor runtime of critical components, such as fans and capacitors, settable alarm for service period
- Independent LCD display for each power module with self-starting function
- Programmable dry contacts, the function of each port can be defined by users
- Friendly human machine interface with colorful touch screen fo 10.4 inches



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

Modular Power modular UPS provides power capacity of 600KVA in one single system. With the most advanced full DSP control technology, health management system and smart monitoring system, it has been proven to be the best choice for large data centers, as well as for sensitive electronics.

POWER MODULE



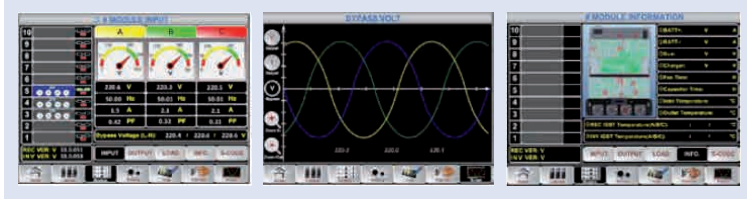
Independent LCD for Each Power Module

Each power module has an independent LCD, gives users' direct overview of status data and alarms in real time.

Modular Power

25-600 kVA Three phase/Three phase

10.4" COLOR TOUCH SCREEN LCD



MODEL		RM180/30X	RM300/30X	RM600/30X	RM150/25X	RM250/25X	RM500/25X
CAPACITY	(VA)	180KVA	300KVA	600KVA	150KVA	250KVA	500KVA
	(W)	162KW	270KW	540KW	150KW	250KW	500KW
Power Module		PM30X(30KVA/27KW)			PM25X(25KV/A25KW)		
INPUT							
Phase		380V/400V/415V(line to line) 3 Phase + Neutral + Ground					
Voltage Range		304-478Vac (line-line), full load; 228V-304Vac (line-line),load decrease linearly according to the mine phase voltagelge					
Frequency Range		40Hz ~ 70Hz					
Power Factor		> 0.99					
THDi		THDi<3% @ 100% linear load					
OUTPUT							
Output Voltage		380V / 400V / 415Vac					
Power Factor		0.9			1.0		
Voltage Range		1.5%					
Frequency		50/60 ± 0.5%(battery mode)					
THDu		THD < 1% (Linear Load), THD < 5.5%(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: 99%; Battery mode: 95%					
Display		10.4" color touch screen LCD + LED + Keyborad					
IP Class		IP20					
Interface		Standard: RS232, RS485, Dry contacts, USB; Option: SNMP, Expansion dry contact card					
Operation/Storage Temperature		0-40°C/40-70°C					
Relative Humidity		0~95% (Non-condensing)					
Noise Level		65 dB @ 100% load 62 dB @ 45% load (1 meter away)	72 dB @ 100% load 68 dB @ 45% load (1 meter away)	65 dB @ 100% load 62 dB @ 45% load (1 meter away)	72 dB @ 100% load 68 dB @ 45% load (1 meter away)		
PHYSICAL							
Dimension W x D x H (mm)	Cabinet	600 x 1100 x 1600	600 x 1100 x 2000	2000 x 1050 x 2000	600 x 1100 x 1600	600 x 1100 x 2000	2000 x 1050 x 2000
	Power Module	PM30X/PM25X: 460 x 790 x 134(mm)					
Weight (kg)	Cabinet	165	220	660	165	220	660
	Power Module	PM30X: 34kg			PM25X: 32kg		



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