

RM Series 100 kW - 3.2 MW

Modular UPS



HIGH EFFICIENCY



CLEAN ENERGY



ECO-FRIENDLY TECHNOLOGY



ALL DEVICES COMPATIBLE



RM series has 100 kW power modules and is able to be increased to 600 kW in standard. Furthermore, this UPS can be enhanced to 3.2 MVA with optional N+X parallel configuration.

RM series provides uninterruptible power and continuous working with double conversion, flexible battery configuration, functional using, and properties of changing modules under load.

RM serisi 100 kW modüllerden oluşan ve standartta 600 kW ya kadar güç sağlayabilen ürünlerdir. Ayrıca N+X paralelleme konfigürasyonu ile UPS gücü 3.2 MVA ya kadar çıkarılabilir.

RM serisi çift çevrim özelliği, esnek akü konfigürasyonu, fonksiyonel kullanımı ve yük altında modül değiştirebilme özelliği ile sürekli çalışabilme ve kesintisiz güç imkanı sağlar.



Technical Specifications	RM600/100D	RM800/100D	RM800/100D-F	RM1000/1000D	RM1000/1000D-F
System Capacity	600kVA / 600kW	800kVA / 800kW	800kVA / 800kW	1000kVA / 1000kW	1000kVA / 1000kW
Power Module Capacity	6	8	8	10	10
INPUT					
Dual Input	Optimal				
Phase	3Phase+Neutral+Ground, 380/400/415VAC (Line-Line)				
Rate Frequency	50/60Hz				
Input Voltage Range	323~478Vac (Line-Line), Full Load; 323V~191Vac (Line-Line), Load Decrease Linearly From 100%~40%; 191V~138V (Line-Line), Load Decrease Linearly From 45%~35% According To The Min. Phase Voltage				
Input Frequency Range	40Hz~70Hz				
Input PF	>0.99				
Input THDi	<3% (100% Linear Load)				
BYPASS					
Rate Voltage	380/400/415VAC (Line-Line)				
Rate Frequency	50/60Hz				
Input voltage Range	Settable, Default -20% ~ +15%, Up Limit: +10%, +15%, +20%, +25%, Down Limit: -10%, -15%, -20%, -30%, -40%"				
Bypass Frequency Range	Settable, ±1Hz, ±3Hz, ±5Hz				
Bypass Overload	110% Long Term Operation; 110%~125% for 5min; 125%~150% for 1min; 150%~400% for 1s; >400% Less Than 200ms				
OUTPUT					
Rate Voltage	380/400/415VAC (Line-Line)				
Rate Frequency	50/60Hz				
Output PF	1				
Voltage Regulation	±1%				
Output THDu	<1%, Linear load, <5%, Non-Linear Load				
Inverter Overload	<110% for 1 hour; 110%~125% for 10 mins; 125%~150% for 1 min; >150% for 200ms				
Frequency Precision	±0.1%				
BATTERY					
Voltage	±240VDC; 30pcs Derate to 0.7; 32~34pcs Derate to 0.8; 36~38pcs Derate to 0.9; 40~50pcs No Derating				
Voltage Precision	±1%				
Charge Power	Up to 15% * Output Active Power				
SYSTEM					
Efficiency	AC Mode: >96%, >96%, >97.5% - Battery Mode: >95%				
Display	LED + Color Touch LCD Screen				
Interface	Standard: RS485, USB, CAN, Dry Contact, Intelligent Slots*2, Extendable Dry Contact Slot				
Option	SNMP Card, AS400 Card, Parallel Kit, Single Input Kit, SPD, LBS, 485 Extendable Card				
Temperature	0 ~ 40 °C				
Relative Humidity	0 ~ 95% Non-Condensing				
Noise (1 meter)	75dB @ 100% load, 70dB @ 45% Load				
Altitude	<1000m. Within 1000~2000m, 1% Power Derating For Every 100m Rise				
PHYSICAL					
Cabinet Dimension (WxDxH) [mm]	1000x1100x2000	1200x1100x2000	1800x1100x2000	1200x1100x2000	1800x1100x2000
Power Module Dimension (WxDxH) [mm]	440x795x174				
Cabinet Weight (kg)	400	590	890	620	940
Power Module Weight (kg)	53.5				