

# 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

## RM100 Series

System Capacity	600kVA / 600kW
Power Module Capacity	100kVA/100kW
<b>INPUT</b>	
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)
<b>BYPASS</b>	
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, $\pm 1$ Hz, $\pm 3$ Hz, $\pm 5$ Hz
Bypass Overload	110% Long Term Operation; 110%~125% for 5min; 125%~150% for 1min; 150%~400% for 1s; >400% Less Than 200ms
<b>OUTPUT</b>	
Rate Voltage	380/400/415VAC (Line-Line)
Rate Frequency	50/60Hz
Output PF	1
Voltage Regulation	$\pm 1\%$
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	$\pm 0.1\%$
<b>BATTERY</b>	
Voltage	$\pm 180 \sim 288$ VDC; 30 ~ 32pcs Derate to 0.7; 34 ~ 36pcs Derate to 0.8; 38pcs Derate to 0.9; 40 ~ 48pcs
Voltage Precision	$\pm 1\%$
Charge Power	Up to 15% * Output Active Power
<b>SYSTEM</b>	
Efficiency	AC Mode: >96% - Battery Mode: >95%
Display	LED + Color Touch LCD Screen
Interface	RS485, USB, CAN, Programmable Dry Contact, 2 Intelligent Slots
Option	SNMP Card, AS400 Card, Parallel Kit, Dual Input Kit, SPD, LBS, GSM
Temperature	Operation: 0 ~ 40 °C Storage: -40~70°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
<b>PHYSICAL</b>	
Cabinet Dimension (WxDxH) [mm]	1000x1100x2000
Power Module Dimension (WxDxH) [mm]	440x794.5x174
Cabinet Weight (kg)	500
Power Module Weight (kg)	50