

RM Series 20-60 kVA

Modular UPS



HIGH EFFICIENCY



CLEAN ENERGY



ECO-FRIENDLY TECHNOLOGY



ALL DEVICES COMPATIBLE



RM Series are modular online UPS with hot-swappable battery. The single cabinet power rating covers from 20 kVA to 60 kVA which delivers the best of combination of reliability, hot-swappable and flexibility.

With intelligent battery protection and management technology, RM realises a compact total power solution which is easy for installation, maintenance and power expansion.

RM Serisi, çalışırken değiştirilebilen aküye sahip modüler UPS'lerdir. Tek kabinde 20 kVA'dan 60 kVA'ya kadar hem güç modüllerinin hem de akülerin enerji altında değiştirilebildiği ideal bir sistemdir.

Akıllı akü yönetimi ve koruma teknolojisini içerir. Özel kabin tasarımı ile kurulum, bakım ve güç artışı için kolay ve kompakt bir güç çözümü sunar.



RM Series

Technical Specifications	RM60/20
System Capacity	60 kVA / 54 kW
Power Module Capacity	20 kVA / 18 kW
Max. Number of UPS Modules	3
INPUT	
Dual Input	Optional
Phase	3 Phase + Neutral + Ground, 380V/400V/415V (Line-Line)
Input Voltage Range	304~478 VAC (Line-Line), Full Load; 228~304 VAC (Line-Line), Load Decreases Lineary According to the Min Phase Vol.
Rate Frequency	50/60 Hz
Input Frequency Range	40 Hz ~ 70 Hz
Input PF	> 0.99
Input THDi	<3% (100% Linear Load)
BYPASS	
Rate Voltage	380 / 400 / 415 VAC (Line-Line)
Rate Frequency	50/60 Hz
Input Voltage Range	Settable, -40% ~ +25%
Bypass Frequency Range	Settable, ±1Hz, ±3Hz, ±5Hz
Bypass Overload	125% Long Term Operation; 130% for 1 Hour; 150% for 6 Mins; 1000% for 100 Ms
OUTPUT	
Rated Voltage	380 / 400 / 415 VAC (Line-Line)
Voltage Regulation	1% for Balance Load; 1.5% For Unbalance Load
Rate Frequency	50/60Hz
Frequency Precision	0.1%
Output PF	0.9
Outpu THDu	< 1%, Linear Load; < 5.5%, Non-Linear Load
Crest Factor	3:1
Inverter Overload	110% for 1 Hour; 125% for 10 Mins; 150% for 1 Min; >150% for 200 Ms
BATTERY	
Voltage	± 240 VDC
Battery Number	40pcs (Settable: Even Number From 32 to 44)
Voltage Precision	±1%
Charge Power	up to 20% * Output Active Power
Battery Cold Start	Standard
SYSTEM	
Efficiency	AC Mode : 95.0% - ECO Mode : 99.0% - Battery Mode : 95.0%
Display	5.7" Touch Screen LCD + LED + Keyboard
IP Class	IP20
Interface	RS232, RS485, Programmable Dry Contact
Option	SNMP Card, Parallel Kit, SPD, LBS, Dust Filter
Temperature	Operation: 0~40 °C - Storge: -40~70 °C
Relative Humidity	0~95% Non-Condensing
Altitude	<1000m Within 1000m to 2000m, Power Derate 1% For Every 100m Rise
Noise (1 Meter)	55dB @ 50% Load
Applicable Standards	Safety: IEC/EN 62040-1-1 EMC: IEC/EN 62040-2 Performance: IEC/EN 62040-3
PHYSICAL	
Weight [kg]	Cabinet: 250 - Power Module: 22 - Battery Package: 10 (Without Battery)
Dimensions (WxDxH) [mm]	Cabinet: 600x1020x2000 - Power Module: 440x590x134 - Battery Package: 120x824x177