



سری RM دارای ماژول های برق ۵۰ کیلو ولت آمپر بوده و به صورت استاندارد قابلیت افزایش تا ۵۰۰ کیلو ولت آمپر را دارد. علاوه بر این، این UPS را می توان با تنظیمات موازی اختیاری N+X تا ۱.۵MVA افزایش داد.

سری RM برق بی وقفه و کار مداوم را با تبدیل مضاعف، پیکربندی باتری انعطاف پذیر، استفاده کاربردی و ویژگی های تغییر ماژول ها تحت بار ارائه می دهد.



Technical Specifications		RM50 Series	
Rated Power / Max. Output Power	50 kVA - 1.5 MVA / 45 kW -1,35 MW		
Power of Each Module	50 kVA		
Max. Number of UPS Modules	10		
GENERAL			
UPS Type / Technology	Modular Design (Centralized Parallel Architecture) / 3-Level Technology (IGBT)		
MTBF / MTTR	> 200,000 hrs / < 10 mins.		
Output Power Factor	0,9 - 1 (Optional)		
Display Parameteres via LCD	Mimic Diagram for Complete System; Indicators for Battery, Rectifier, Inverter, Bypass, Load Status; System Information, Data and Instruction, Current Record Window; Monitoring Main Input, Bypass Input, AC Output Characters, Load Data, Battery Data (Temp, Remaining Time, Capacity, Etc.)		
Smart Features / Smart Eco Mode	Cold Start; AC Restart; Auto Restart / Standard; User Selectable		
True Redundancy / [ N+1 ]	N+1 & N+X Paralleling Options / System Capacity up to 1,5 MVA / 1,35 MW		
Protections	Over Temperature, Overload, Output Short Circuit, Battery EOD (Deep Charge), AC Line & Neutral Reverse Connection Protection; Fan Testing, Self Testing		
Troubleshooting	EPO; Battery Charging & Discharging, Maintenance Circuit Breaker, Generator Statur; Bypass Phase Fault, Fan Fault, Voltage Abnormal Alarms; Manual UPS Shutdown, ETC.		
EFFICIENCY			
Overall Efficiency	≥96% @ 100% Rated Load, ≥95% @ 50% Rated Load		
Smart Eco Mode Efficiency	≥98,5% @ 100% Rated Load		
INPUT			
Rated Voltage	380 / 400 / 415 VAC 3P + N + GND / ±1%		
Voltage Range	304 ~ 478 VAC (line-line); 100% Load; 304 ~ 228 VAC, Load Derated Linearly		
Rated Frequency	50 or 60 Hz		
Frequency Range	40 ~ 70 Hz		
Power Factor	0.99		
THDi	≤ 3%		
OUTPUT			
Rated Voltage / Voltage Stability	380 / 400 / 415 VAC 3P + N + GND / ±1,5%		
Rated Frequency / Freq. Accuracy	50 or 60Hz / ± 0.1%		
THDv	< 1,5% (Linear Load), < 5,5% (Non-Linear Load)		
Crest Factor	3:1		
Overload Capability	110% for 1 hour; 125% for 10 minutes; 150% for 1 minute; >150% for 200ms		
BATTERY			
Rated Voltage / Quantity	± 240VDC / 36-44 pcs 12VDC (Adjustable)		
Charger Current	%20 for System Power		
COMMUNICATION			
Advanced Communication	Standart: RS232, RS485, USB, Dry Contacts (Programmable); Optional: SNMP, AS400, Paralel Kit, Battery Cold Start (Standard for 250 kVA and above) Lightning Protection Components, Dust Filter, LBS		
Remote ON/OFF	Remote EPO or SNMP over LAN		
ENVIRONMENT			
Operating Temperature	0°C to 40°C		
Recommended Operating Temperature	15°C to 25°C		
Storage Temperature	-25°C to 70°C		
Altitude / Relative Humidity	≤ 1500m above sea level; derating power by 1% per 100m between 1500m and 2000m / 0 to 95%, Non-Condensing		
Audible Noise	72dB @ 100% Load; 69dB @ 45% Load (1 Meter Away)		
STANDARDS			
Safety / EMC / LVD / Performance	CE/TSE/IEC61000-4-2 (ESD); IEC61000-3 (RS); IEC61000-4-4 (EFT); IEC61000-4-5 (Surge); EN62040-1; EN62040-2; EN62040-3		
DIMENSIONS & WEIGHT			
Module Dimensions (WxDxH) [mm]	510x700x178		
Module / UPS Net Weight [kg]	45 / 900		
UPS Dimensions (WxDxH) [mm]	1300x1100x2000		
Protection Class	IP20		