

RM Series 60 kW - 1.8 MW

Modular UPS



HIGH EFFICIENCY



CLEAN ENERGY



ECO-FRIENDLY TECHNOLOGY



ALL DEVICES COMPATIBLE



DOKUNMATİK PANEL

TOUCH PANEL



ON-LINE VERİM

%96

ON-LINE EFFICIENCY



ESNEK DC BARA

FLEXIBLE DC BUS BAR



ÇIKIŞ GÜÇ FAKTÖRÜ

1

OUTPUT POWER FACTOR



ÇALIŞIRKEN DEĞİŞTİRİLEBİLİR

HOT-SWAPPABLE



RM Series has 60 kW power modules and is able to be increased to 600 kW in standard. Furthermore, this UPS can be enhanced to 1.8 MW with optional N+X parallel configuration.

RM Serisi 60 kW modüllerden oluşan ve standartta 600 kW ya kadar güç sağlayabilen ürünlerdir. Ayrıca N+X paralelleme konfigürasyonu ile UPS gücü 1.8 MW ya kadar çıkarılabilir.

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



Technical Specifications

RM60 Series

System Capacity	600kVA / 600kW
Power Module Capacity	60kVA/60kW
INPUT	
Dual Input	Standard
Phase	3Phase+Neutral+Ground, 380/400/415VAC (Line-Line)
Rate Frequency	50/60Hz
Input Voltage Range	323~478Vac (Line-Line), full load 323V~138Vac (Line-Line), load decrease linearly from 100% to 30%; according to the min phase voltage 323V~138Vac (Line-Line), battery combined power supply when load exceed the deratedcapacity
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% For Long Term Operation; 110%~125% for 10 mins; 125%~150% for 1 min; >150% for 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
Rate Frequency	50/60Hz
Frequency Precision	± 0.1%
Transient Response	<5% (0%-100%-0% Step Load)
Transient Recovery	<40ms (0%-100%-0% Step Load)
Synchronous Range	Default: ±3Hz Settable (±0.5Hz~±5Hz)
Synchronous Rate	Default: ±0.5Hz/s Settable (±0.5Hz/s~±5Hz/s)
BATTERY	
Voltage	±240VDC; 30pcs Derate to 0.7; 32 ~ 34pcs Derate to 0.8; 36 ~ 38pcs Derate to 0.9; 40 ~ 48pcs
Voltage Precision	±1%
Charge Power	Up to 30% * Output Active Power
SYSTEM	
Efficiency	AC Mode: >97% - Battery Mode: >96%
Display	LED + Color Touch LCD Screen
Interface	Standard: RS485, USB, Programmable DRY Contact, CAN Intelligent Card Slot*2, Extendable DRY Contact Slot
Option	SNMP Card, AS400 Card, Parallel Kit, SPD, Single Input Kit, LBS, SMS, 485 Extendable Card
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
PHYSICAL	
Cabinet Dimension (WxDxH) [mm]	800x1100x2000
Power Module Dimension (WxDxH) [mm]	550x750x85
Cabinet Weight (kg)	443
Power Module Weight (kg)	35,7
Application Standard	Safety: IEC/EN 62040-1 EMC: IEC/EN 62040-2 Performance: IEC/EN 62040-3