

# 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 DEĞİŞTİRİLİR



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

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 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	RM 600/60D	RM 300/60D
System Capacity	600kVA	300kVA
Power Module Capacity	60kVA/60kW	
<b>INPUT</b>		
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)	
<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, ±1Hz, ±3Hz, ±5Hz	
Bypass Overload	110% For Long Term Operation; 110%~125% for 10 mins; 125%~150% for 1 min; >150% for 200ms	
<b>OUTPUT</b>		
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%	
<b>BATTERY</b>		
Voltage	±180~264VDC 30pcs Derate to 0.7; 32~34pcs Derate to 0.8; 36~38pcs Derate to 0.9;	
Voltage Precision	1%	
Charge Power	Up to 30% * Output Active Power	
<b>SYSTEM</b>		
Efficiency	AC Mode: >97% - Battery Mode: >96%	
Display	LED + Color Touch LCD Screen	
Interface	Standard: RS485, USB, Programmable DRY Contact 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	
Application Standard	Safety: IEC/EN 62040-1 EMC: IEC/EN 62040-2 Performance: IEC/EN 62040-3	
<b>PHYSICAL</b>		
Cabinet Dimension (WxDxH) [mm]	800x1100x2000	599x1097x1599
Power Module Dimension (WxDxH) [mm]	550x750x85	
Cabinet Weight (kg)	443	201
Power Module Weight (kg)	35,7	