

Capacity	RM020/10X	RM040/10X	RM030/10X	RM060/10X	RM045/15X	RM090/15X
	10kW-60kW			15kW-90kW		
Main Input						
Input voltage	380V/400V/415V(line to line) 220V/230V /240V(line to neutral)					
Input frequency	50/60Hz					
Power factor	>0.99					
Input voltage window	up 276Vac; down -40% (-20%,-30%, -40% selectable) -20%~-40% rated power derating from 100%~80%					
Frequency window	40-70Hz					
Input current THDi*	<4%					
Battery						
Battery voltage	±240VDC					
Charger power	20%*Active Power					
Charger voltage precision	1%					
Bypass						
Bypass voltage	380V/400V/415V(line to line) 220V/230V/240V(line to neutral)					
Bypass voltage window	-20%~+15% default; -40%~+25% selectable					
Bypass overload capabilitiy	125%, long time operation			110%, long time operation		
	125%< load <130%, last for more than 10 mins				110%< load <130%, last for	
	130%<load<150%,last for more than 1 min				130%<load<150%,last for	
	load>150%, last for more than 300ms				load>150%, last for more than	
Output						
Output voltage	380V/400V/415V(line to line) 220V/230V/240V(line to neutral)					
Voltage precision	1.5%					

Voltage THD(Total Harmonic Distortion)*	THD<1%(linear load),THD<5.5%(nonlinear load)					
Power factor	1					
Phase tolerance	120°±0.5° (balance and unalance load)					
Crest factor	3:1					
Overload capabiltiy	<102%, long time					
	110%, transfer to bypass after 60minutes					
	125%, transfer to bypass after 10 minutes					
	150%, transfer to bypass after 1 mintute					
	>150%, transfer to bypass after 200ms					
System						
System efficiency*	Normal mode: 95%max					
	ECO mode: 99%					
Battery mode efficiency*	94.5%					
Display	7" touched colorful LCD+LED					
Language	Simplified Chinese, Tranditional Chinese, English, Turkish,Korean, Russian, Polish, Portuguese					
IP class	IP20					
Interface (Communication Ports)	RS232,RS485,Dry contactor,SNMP card(optional),EPO,Parallel					
Installation/Connection	Back or bottom cable entry					
Operation temperature	0-45℃					
Storage temperature	-40℃~70℃					
Relative humidity	0-95% (non-comdensing)					
Noise(dB)(1m away from front panel)	56dB(one module)			58dB(one module)		
Dimension(W*D*H)mm** Net Weight(kg)	485*697*398	485*697*575	485*751*575	485*751*103	485*751*575	485*751*103
	42	51	57	85	57	85
	Power module: PM10X		436*590*85mm/15.3kg		436*590*85mm/15.5kg	

***Tested in 3/3 mode**

****Typical dimension. Please refer to user manual if need detailed dimension.**

What's special	1. PM10X can be set as 1/1, 3/1, 3/3 and 1/3power connection, 3/3 default. PM15X power module can only be connected as 3/3.
	2. Bypass breaker and manual bypass breaker. Only manual bypass breaker in 3/3 modules cabinet
	3. 19" rack installation
	4. Intelligent Hibernate
	6. instant short protection
	7. self aging mode

Note: Products specifications are subject to change without further notice.