

Capacity	RM020/10X	RM040/10X 10kW-60kW	RM060/10X	RM030/15X	RM045/15X	RM090/15X			
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 capabiliy	125%, long time operation			110%, long time operation					
	125% < load < 130%, last for more than 10 mins			110% < load < 130%, last for more than 5 mins					
	130% < load < 150%, last for more than 1 min			130% < load < 150%, last for more than 1 min					
	load > 150%, last for more than 300ms			load > 150%, last for more than 300ms					
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 unbalance load)								
Crest factor	3:1								
Overload capabiliy	<102%, long time			110%, transfer to bypass after 60minutes					
	125%, transfer to bypass after 10 minutes			150%, transfer to bypass after 1 minute					
	>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, Traditional 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°C								
Storage temperature	-40°C~70°C								
Relative humidity	0~95% (non-condensing)								
Noise(dB)(1m away from front panel)	56dB(one module)			58dB(one module)					
Dimension(W*D*H)mm*	485*697*398(7U)	485*697*575(11U)	485*751*1033(21U)	485*697*398(7U)	485*751*575(11U)	485*751*1033(21U)			
	42/58	51/68	70/87	42/58	55/74	70/87			
Net/Package Weight(kg)	Power module: PM10X 436*590*85mm/15.3kg/16kg			PM15X	436*590*85mm/15.5kg/16kg				

*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 1/3 power 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 / 6-modules cabinet.
	3. 19" rack installation
	4. Intelligent Hibernate
	6. instant short protection
	7. self aging mode
	8. NO LBS function

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