

REVO VM II Rack Series

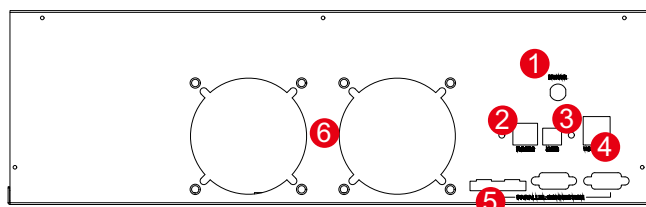
Embedded Inverter

2-6KVA

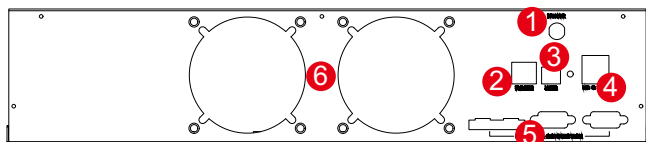


Key Features:

- With input battery reverse connection protection
- Utility charging function can be set according to customer's demand interface
- Utility charging current 10~60A adjustable
- With three-stage smart charging function, it can also achieve load leveling
- Impact resistance can reach more than 150% of the load, continuous 5S, and it can accept a certain amount of perceptual load
- The number of parallel machines can up to 12, and the three-phase parallel machine can be realized at the same time
- Can communicate with iron lithium battery pack



3-6k 3U



2-3k 2U

- ① Breaker
- ② RS232
- ③ USB
- ④ NC C NO
- ⑤ Parallel connection
- ⑥ Cooling Fan

REVO VM II Rack Embedded Inverter

Model		REVO VM II Rack Embedded Inverter				
		2KVA/48V	3KVA/48V	4KVA/48V	5KVA/48V	6KVA/48V
Power(W)		1800W	2700W	3600W	4500W	5400W
Normal battery voltage		48VDC				
Utility Model	Input wave	Pure sine wave				
	Normal input voltage	230Vac				
	Input voltage range	120-280VAC /170-280VAC				
	High voltage trip/Restart	280VAC/270VAC				
	Maximum input voltage	280VAC				
	Input frequency	50/60HZ (Auto Recognition)				
	Maximum charging current	60A(0-60A)				
	Efficiency	≥95%				
Inverter mode	Waveform	Sine wave				
	Inverter output voltage	230Vac ±5% (220Vac、240Vac)				
	Output frequency	50/60HZ±1Hz				
	Output power factor	0.9				
	Utility switch battery switching time	≤10ms				
	Battery to utility switch time	≤10ms				
	Efficiency	≥92%				
	Inverter overload	101-120%<Load, Turn off the output after 20s ;				
		121-150%<Load , Turn off the output after 10s ;				
		Load>150%, Turn off the output after 3-6s				
	Protective function	Undervoltage protection, overcharge protection, overload protection, over temperature protection, short circuit protection				
Battery	Battery voltage	48.0VDC				
	Cold start voltage	46.0VDC				
	Battery low voltage alarm recovery	44.0VDC				
	Battery high voltage alarm voltage	60.0VDC				
	Overcharge voltage	60.0VDC				
	Battery low pressure alarm point	36.0-50.0VDC				
	Battery low voltage shutdown voltage	36.0-50.0VDC				
	Fast charging voltage	48.0-60.0VDC				
	Floating charge voltage	48.0-60.0VDC				
Other	Communication Interface	RS232/USB				
	Maximum number of parallels	9 units				
Shape	2Usize (L*W*H) (2-3KVA)	482*433.6*92mm				
	3Usize (L*W*H) (4-6KVA)	482*433.6*131.8mm				
Environment	Working environment	0-55℃				
	Storage environment	-15 to 60 ℃				

STANDARD:EN 62109-1:2010 EN 62109-2:2011 EN 62040-1:2008+A1:2013 IEC 62109-1:2010 IEC 62109-2:2011

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

SSI20-0000007-30