

Smart Energy Manager (SEM-E)

- Manage multiple solar and storage Inverters
- Online monitoring and export limitation for the whole system
- Flexible CTs for different project size
- RS485 and Ethernet connection



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Datasheet		Smart Energy Manager (SEM-E)	
System Size		50KW	100KW
Meter data			
Normal voltage		230/400Vac	
Voltage range(L-L)		173~400Vac	
Grid connection		3W/N/PE	
Normal frequency		50/60 Hz	
Frequency range		45~55Hz/55-65 Hz	
CT data			
Max.current (CT detection)		150A	250A
Max. input current (CT sencond side)		40mA	
Accuracy (@ rated CT current)		0.5	
CT aperture		24mm	
Communication			
RS485		Yes	
Ethernet		Yes	
Max.inverter number		10 pcs	
Communication distance		RS485: 500m Internet cable: 100m	
General Data			
Dimensions (W/H/D)		350/330/107mm	
Weight		6kg	
Operation temperature range		-25°C ... +60°C	
Cooling concept		Natural Cooling	
Environmental Protection Rating		IP65	
Relative humidity		0~100%	
CE			



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