

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 second 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			