

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



P O W E R
- I N G
T O M O R R O W

GROWATT



www.ginverter.com

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		