

ShineSEM-XA-R

- Online monitoring and export limitation for the whole system
- Up to 36 units of inverters in monitoring
- Support Ethernet, RS485 communication
- IP66 protection degree



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

Datasheet		ShineSEM-XA-R
Communication		
RS485		Yes
Ethernet		Yes
PLC		No
Ring network switch		No
Max. inverter number		36 PCS*
Communication distance		RS485:500m Ethernet cable:50m
General Data		
Dimensions (W/H/D)		352/430/109mm
Weight		8.7kg
Operation temperature range		-22°F to +149°F (-30°C~65°C)
Protection rating		IP66
Relative humidity		5%~95%,no-condensing
Placement		Indoor
Altitude		4000m
Meter Data*		
Nominal input voltage		380/400V
Nominal input frequency		50/60Hz
Grid connection		3W+N+PE
CE, RoHS		

* CT model is selected according to the maximum current of system's grid side.

* CTs need to be purchased additionally from Growatt. The wire from the CT to the meter need to be prepared by the installer.

* For the pure on-grid inverter parallel system, the SEM-XA-R supports monitoring up to 36 units, if export limitation is needed, SEM-XA-R supports up to 9 units.

* For the MOD-XH/MID-XH+APX HV Battery parallel system, SEM-XA-R supports up to 9 units.

* For the WIT parallel system, SEM-XA-R supports up to 6 units.

All specifications are subject to change without notice.