

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
T O M O R R O W

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.