

ShineSEM-XA-R

- Online monitoring and export limitation for the whole system
- Up to 48 units of inverters in monitoring
- Support Ethernet, RS485 communication
- IP66 protection degree



GROWATT

en.growatt.com

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	48 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 on-grid inverter parallel system, the SEM- XA- R supports monitoring of up to 48 units, if export limitation function is needed, SEM-XA-R supports up to 15 units.
- * For the MID-XH parallel system, SEM-XA-R supports up to 9 units in parallel.
- * For the WIT-HU parallel system, SEM-XA-R supports up to 6 units in parallel.