

# 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



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Datasheet		ShineSEM-XA-R
<b>Communication</b>		
RS485		Yes
Ethernet		Yes
PLC		No
Ring network switch		No
Max. inverter number		48 PCS*
Communication distance		RS485 : 500m Ethernet cable:50m
<b>General Data</b>		
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
<b>Meter Data*</b>		
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.