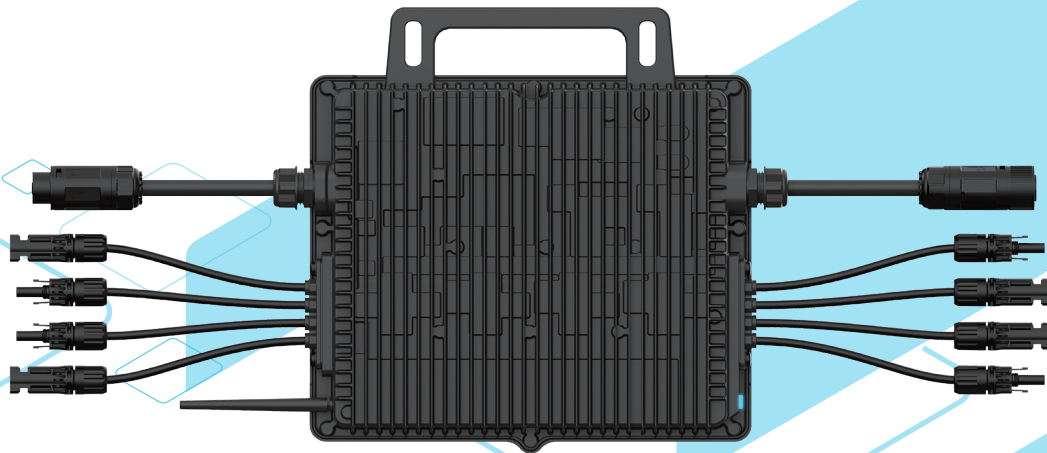


# SINGLE PHASE & MULTIPLE MPPT

## SE 2KMI-Q14

Application: Residential Use



### FEATURES

- High efficiency for various environment
- Safety & no risk of high voltage
- Real-time Smart Module-level monitoring
- High quality & long lifetime
- Complies with IP67 protection
- Easy installation
- Flexible for system expansion
- Small size & lightweight
- Match with high power PV modules
- Convenient Wifi inside
- Fanless design & zero noise

Model		SE 2KMI-Q14
<b>Input (PV)</b>		
Module Compatibility	54-cell/108 half-cell, 60-cell/120 half-cell, 66-cell/132 half-cell and 72-cell/144 half-cell	
Commonly Used Module Pairings	200W~670W+	
Input Channels	4	
No. of MPPTs	4	
MPPT Voltage Range	28V~55V	
Operating Range	16V~60V	
Max Input DC Voltage	60V	
Max Input DC Current	15A	
Maximum Input Short Circuit Current	4*19.9A	
<b>Output (Grid)</b>		
Peak Output Power	2200VA	
Nominal Output Power	2000VA	
Rated Voltage	208V/220V/230V/240V	
Rated Voltage Range	176V~276V	
Rated Frequency	50Hz/60Hz	
Rated Frequency Range	45~55Hz/55~65Hz	
THDV	5%	
Power Factor Setting	1	
Single/Three Phase	Single Phase	
<b>Efficiency</b>		
Peak Efficiency	97.0%	
MPPT Efficiency	99.5%	
CEC Weighted Efficiency	96.0%	
<b>General</b>		
Ambient Temperature Range	-40°C to +65°C	
Cooling	Natural Convection	
Humidity	0~100%	
IP Rating	IP67	
Night-Time Power Consumption	30mW	
Dimensions (W*H*D)	303mm*259mm*50mm	
Weight	5.7Kg	
<b>HMI &amp; COM</b>		
Communication	WiFi inside	
<b>Compliance</b>		
Safety	ORDINANCE No. 140 2022	
Warranty	12 Years Standard, 25 Years Optional	

Note: · Frequency and voltage range follow related grid-connection regulations

