

230V Single Phase
Grid-connected PV Inverter
SI-3/3.3K-S2



- LED display, touch button design, direct data view
- Maximum efficiency 97.6%, more power generation
- 14A string current, suitable for high current high efficiency module applications
- 130% DC over configuration, 110% AC overload output; Wide DC voltage range
- IP65 protection, built-in SPD protection for safety and reliability
- Intelligent remote monitoring
- Support anti-backflow function

Technical Data	SI-3K-S2	SI-3.3K-S2
Input Data		
Max. DC input power	3900W	3900W
Max. DC input voltage	500V	
Operation voltage range	60V-500V	
Number of independent MPPT / strings per MPPT	1/1	
MPPT max. current	14A	
AC Output Data		
Rated output power	3kW	3.3kW
Max. output power	3.3kW	3.3kW
Rated output voltage	230V/180V-280V	
Rated output frequency	50Hz,60Hz/±5Hz	
Rated output current	13.1A	14.5A
Max. output current	14.5A	14.5A
Power factor	-0.8~+0.8(adjustable)	
THDi	<3%(Nominal Output)	
Grid system pattern	L+N+PE	
Efficiency		
Max. efficiency	97.6%	
Europe efficiency	96.8%	
Protection		
Input DC switch	Yes	
Input over current protection	Yes	
DC reverse polarity protection	Yes	
Output over voltage protection	Yes	
Output over current protection	Yes	
Anti islanding protection	Yes	
Insulation impedance protection	Yes	
RCD detection	Yes	
General Data		
Dimensions (L/W/H) in mm	265/148/310	
Weight	7.2kg	
Noise	<25dB	
Operation temperature range	-25°C~+60°C	
Heat dissipation mode	Natural	
IP Class	IP65	
Maximum altitude	4000m	
Self-Consumption night	<1w	
Topology	Transformerless	
Features		
LCD display	Yes	
Communication interface	WIFI/4G/GPRS/RS485(optional)	
Warranty	5 years (standard)	
Standards	PORTARIA INMETRO N° 140, DE 21 DE MARÇO, ABNT NBR 16150, IEC 62116, IEC 62109, IEC 62891, CISPR 11, AMD, IEC 61000, IEC 62920, IS 16221, IS 16169	

230V Single Phase
Grid-connected PV Inverter
SI-3.6/6K-S2



- LED display, touch button design, direct data view
- Maximum efficiency 97.6%, more power generation 14A string current, suitable for high current high efficiency module applications
- Dual MPPT, support for parallel connection for greater adaptability
- 130% DC over configuration, 110% AC overload output; Wide DC voltage range
- IP65 protection, built-in SPD protection for safety and reliability
- Intelligent remote monitoring
- Support anti-backflow function

Technical Data	SI-3.6K-S2	SI-4K-S2	SI-4.6K-S2	SI-5K-S2	SI-6K-S2
Input Data					
Max. DC input power	4700W	5500W	6000W	6500W	7800W
Max. DC input voltage			550V		
Operation voltage range	80V-540V				
Number of independent MPPT/ strings per MPPT			2/1		
MPPT max. current	14 A/14A				
AC Output Data					
Rated output power	3.6kW	4kW	4.6kW	5kW	6kW
Max. output power	4kW	4.4kW	5kW	5.5kW	6.6kW
Rated output voltage			230V/ 180V-280V		
Rated output frequency	50Hz,60Hz/±5Hz				
Rated output current	15.7 A	18 A	20A	21.8 A	26.1 A
Max. output current	17.3 A	20A	22A	24A	29A
Power factor			-0.8-+0.8(adjustable)		
THDi	<3%(Nominal Output)				
Grid system pattern			L+N+PE		
Efficiency					
Max. efficiency	97.6%				
Europe efficiency			96.8%		
Protection					
Input DC switch	Yes				
Input over current protection			Yes		
DC reverse polarity protection	Yes				
Output over voltage protection			Yes		
Output over current protection	Yes				
Anti islanding protection			Yes		
Insulation impedance protection	Yes				
RCD detection			Yes		
General Data					
Dimensions (L/W/H) in mm			330/188/312		
Weight	11.4 kg				
Noise			<25dB		
Operation temperature range			-25℃ -+60℃		
Heat dissipation mode			Natural		
IP Class	IP 65				
Maximum altitude			4000m		
Self-Consumption night	<1w				
Topology			Transformerless		
Features					
LCD display	Yes				
Communication interface			WIFI/4G/GPRS/RS485(optional)		
Warranty	5 years (standard)				
Standards	PORTARIA INMETRO Nº140, DE 21 DE MARÇO, ABNT NBR 16150, IEC 62116, IEC 62109, IEC 62891, CISPR 11, AMD, IEC 61000, IEC 62920, IS 16221, IS 16169				

230V Single Phase
Grid-connected PV Inverter
SI-7/10K-S2



- LED display, touch button design, direct data view
- Maximum efficiency 97.6%,dual MPPT, more power generation
- 14A string current, suitable for high current high efficiency module applications
- With 3-MPPT, support for parallel connection for greater adaptability
- 130% DC over configuration,110% AC overload output; Wide DC voltage range
- IP65 protection,built-in SPD protection for safety and reliability
- Intelligent remote monitoring
- Support anti-backflow function



Technical Data	SI-7K-S2	SI-8K-S2	SI-9K-S2	SI-10K-S2
Input Data				
Max. DC input power	9100W	10400W	11700W	13000W
Max. DC input voltage			550V	
Operation voltage range	80V-540V			
Number of independent MPPT/ strings per MPPT			3/1	
MPPT max. current	14 A/14A/14A			
AC Output Data				
Rated output power	7kW	8kW	9kW	10 kW
Max. output power	7.7kW	8.8kW	9.9kW	10 kW
Rated output voltage			230V/180V-280V	
Rated output frequency	50Hz,60Hz/±5Hz			
Rated output current	30.5A	35A	39.2A	43.5A
Max. output current	34A	38.5A	43A	44A
Power factor			-0.8-+0.8(adjustable)	
THDi	<3%(Nominal Output)			
Grid system pattern			L+N+PE	
Efficiency				
Max. efficiency	97.6%			
Europe efficiency			96.8%	
Protection				
Input DC switch	Yes			
Input over current protection			Yes	
DC reverse polarity protection	Yes			
Output over voltage protection			Yes	
Output over current protection	Yes			
Anti islanding protection			Yes	
Insulation impedance protection	Yes			
RCD detection			Yes	
General Data				
Dimensions (L/W/H) in mm	358/180/400			
Weight			16kg	
Noise	<25dB		<45dB	
Operation temperature range			-25°C-+60°C	
Heat dissipation mode	Natural		Smart cooling	
IP Class			IP65	
Maximum altitude	4000m			
Self-Consumption night			<1w	
Topology	Transformerless			
Features				
LCD display	Yes			
Communication interface			WIFI/4G/GPRS/RS485(optional)	
Warranty	5 years (standard)			
Standards	PORTARIA INMETRO N° 140, DE 21 DE MARÇO, ABNT NBR 16150, IEC 62116, IEC 62109, IEC 62891, CISPR 11, AMD, IEC 61000, IEC 62920			