

Single-Phase
Grid-Connected Inverter
SI-3~3.3K-S2



- LED display, touch button design, direct data view
- Maximum efficiency 97.6%, more power generation
- 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. PV access power	6000W	6600W
Max. PV input power	3900W	
Max. PV input voltage	500V	
Operation voltage range	60V-500V	
Number of independent MPPT / strings per MPPT	1/1	
MPPT max. current	20A	
AC Output Data		
Rated output power	3kW	3.3kW
Max. output power	3.3kW	
Rated output voltage	230V/180V-280V	
Rated output frequency	50Hz/60Hz	
Rated output current	13.1A	14.5A
Max. output current	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	