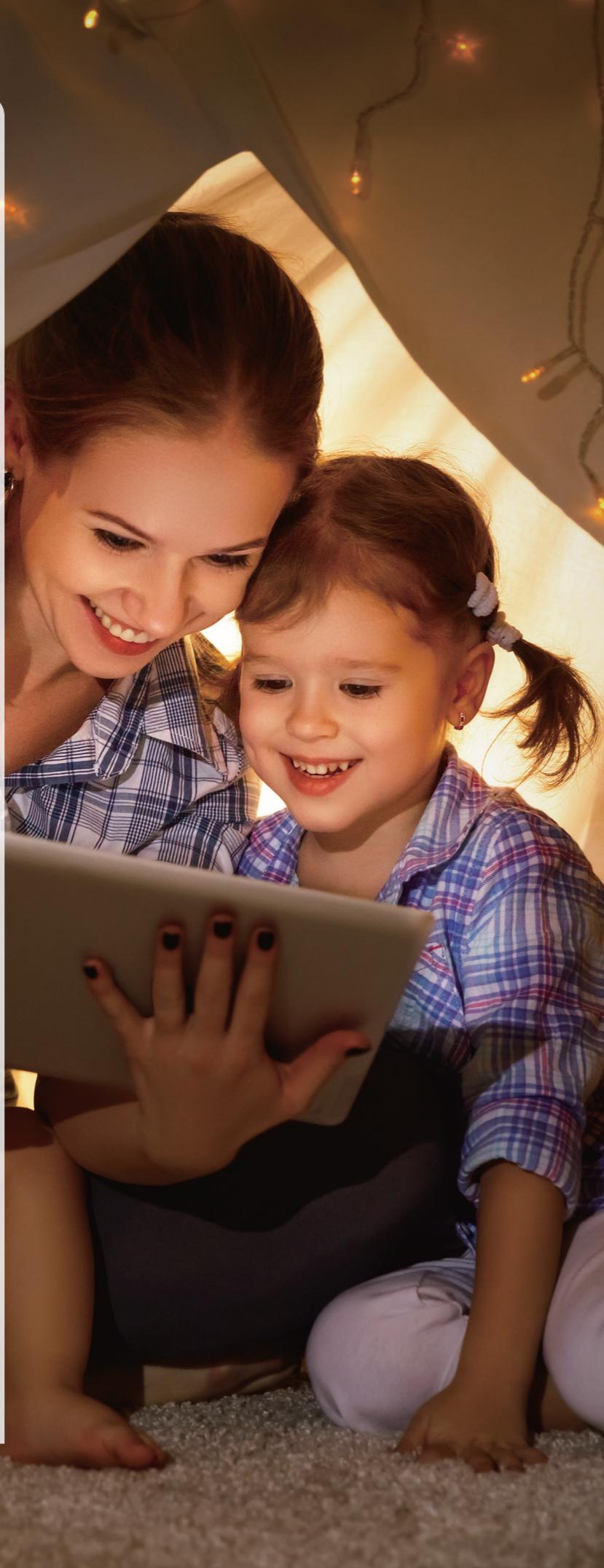


**Single-Phase**  
Grid-Connected Inverter  
**SI-3~3.3K-S2**



- 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
<b>Input Data</b>			
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	
<b>AC Output Data</b>			
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	
<b>Efficiency</b>			
Max. efficiency		97.6%	
Europe efficiency		96.8%	
<b>Protection</b>			
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	
<b>General Data</b>			
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	
<b>Features</b>			
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		