

Technical Data	SI-3K-S2	SI-3.6K-S2
Input Data		
Max. DC input power	3900W	4700W
Max. DC input voltage	500V	
Operation voltage range	60V-500V	80V-540V
Number of independent MPPT / strings per MPPT	1/1	2/1+1
MPPT max. current	14A	
AC Output Data		
Rated output power	3kW	3.6kW
Max. output power	3.3kW	4kW
Rated output voltage	230V/180V-280V	
Rated output frequency	50Hz,60Hz/±5Hz	
Rated output current	13.1A	15.7 A
Max. output current	14.5A	17.3 A
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(W/L/H)in mm	265/310/ 140	
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	IEC62109-1,IEC62109-2,NB/T32004,VDE-AR-N4105,EN50549,AS 4777	