

Model Number	HI-3K-SL	HI-3.6K-SL
Input Data		
Max. DC input power	3900W	3900W
Max. DC input voltage	500V	500V
Operation voltage range	60V-500V	60V-500V
Number of independent MPPT / strings per MPPT	1/1	1/1
MPPT max. current	14A	14A
AC Output Data		

Rated output power	3kW	3.3kW
Max. output power	3.3kW	3.3kW
Rated output voltage	230V/180V-280V	230V/180V-280V
Rated output frequency	50Hz,60Hz/±5Hz	50Hz,60Hz/±5Hz
Rated output current	13.1A	14.5A
Max. output current	14.5A	14.5A
Power factor	-0.8~+0.8(adjustable)	-0.8~+0.8(adjustable)
THDi	<3%(Nominal Output)	<3%(Nominal Output)
Grid system pattern	L+N+PE	L+N+PE
Efficiency		

Max. efficiency	97.6%	97.6%
Europe efficiency	96.8%	96.8%
Protection		
Input DC switch	Yes	Yes
Input over current protection	Yes	Yes
DC reverse polarity protection	Yes	Yes
Output over voltage protection	Yes	Yes
Output over current protection	Yes	Yes
Anti islanding protection	Yes	Yes

Insulation impedance protection	Yes	Yes
RCD detection	Yes	Yes
General Data		
Dimensions(W/L/H)in mm	265/310/ 140	265/310/ 140
Weight	7.2kg	7.2kg
Noise	<25dB	<25dB
Operation temperature range	-25°C~+60°C	-25°C~+60°C
Heat dissipation mode	Natural	Natural
IP Class	IP65	IP65
Maximum altitude	4000m	4000m

Self-Consumption night	<1w	<1w
Topology	Transformerless	Transformerless
Features		
LCD display	Yes	Yes
Communication interface	WIFI/4G/GPRS/RS485(optional)	WIFI/4G/GPRS/RS485(optional)
Warranty	5 years (standard)	5 years (standard)
Standards	IEC62109-1,IEC62109-2,NB/T32004,VDE-AR-N4105,EN50549,AS 4777	IEC62109-1,IEC62109-2,NB/T32004,VDE-AR-N4105,EN50549,AS 4777