

Technical data

Z2013K6D-2/4K2D-2/5KD-2



Technical Data	Z2013K6D-2	Z2014K2D-2	Z2015KD-2
Input			
Max.Input Power (W)	4680	5460	6500
Max.Input Voltage (V)	600	600	600
MPPT Operating Voltage Range (V)	80~550	80~550	80~550
Start-up Voltage (V)	80	80	80
Nominal Input Voltage (V)	360	360	360
Max. Input Current per MPPT (A)	13/13	13/13	13/13
Max. Short Circuit Current per MPPT (A)	16.3/16.3	16.3/16.3	16.3/16.3
Number of MPPT	2	2	2
Number of Strings per MPPT	1	1	1
Output			
Nominal Output Power (W)	3680*	4200*	5000*
Nominal Output Apparent Power (VA)	3680	4200	5000
Max. AC Apparent Power (VA)	3680	4200	5000
Nominal Output Voltage (V)	220/230	220/230	220/230
Nominal AC Grid Frequency (Hz)	50/60	50/60	50/60
Max. Output Current (A)	16	19	22.8
Nominal Output Current (A)	16/15.6	19/18.2	22.8/21.7
Output Power Factor	~1 (Adjustable from 0.8 leading to 0.8 lagging)		
Max. Total Harmonic Distortion	<3%	<3%	<3%
Efficiency			
Max. Efficiency	97.80%	97.80%	97.80%
European Efficiency	97.50%	97.50%	97.50%
Protection			
Residual Current Monitoring Unit	Integrated	Integrated	Integrated
DC Reverse Polarity Protection	Integrated	Integrated	Integrated
Anti-islanding Protection	Integrated	Integrated	Integrated
AC Overcurrent Protection	Integrated	Integrated	Integrated
AC Short Circuit Protection	Integrated	Integrated	Integrated
AC Overvoltage Protection	Integrated	Integrated	Integrated
DC Surge Arrester		Type III(Type II Optional)	
AC Surge Arrester	Type III	Type III	Type III
General Data			
Operating Temperature Range (°C)	-25~60	-25~60	-25~60
Relative Humidity	0~100%	0~100%	0~100%
Max. Operating Altitude (m)	< 4000	< 4000	< 4000
Cooling Method		Natural Convection	
Display		LED/LCD/WiFi+APP/Bluetooth+APP	
Communication		RS485/WiFi / 4G/2G /LAN	
Weight (Kg)	13	13	13
Dimension (W×H×Dmm)	354×433×147	354×433×147	354×433×147
Topology		Transformerless	
Night Power Consumption (W)	<1	<1	<1
Ingress Protection Rating	IP65	IP65	IP65

* : For CEI 0-21 Nominal Output Power Z2013KD is 2700,Z2013K6D or Z2013K6D-2 is 3350,Z2014K2DS or Z2014K2D-2 is 3800,Z2015KDS or GZ2015KD-2 is 4540.