

# Microinverter

SUN1300G3-US-220/EU-230

SUN1600G3-US-220/EU-230

SUN2000G3-US-220/EU-230



IP67 protection degree, 10 years warranty



WIFI communication



Max. DC input current of 13A, adapt to 600W PV module



Support reactive power compensation



4 MPP trackers, module level monitoring



Rapid shutdown function

**Deye**

Stock Code: 605117.SH

Model	SUN1300G3 -US-220	SUN1300G3 -EU-230	SUN1600G3 -US-220	SUN1600G3 -EU-230	SUN2000G3 -US-220	SUN2000G3 -EU-230
<b>Input Data (DC)</b>						
Recommended Input Power (STC)	210-420W (4 Pieces)		210-500W (4 Pieces)		210-600W (4 Pieces)	
Maximum input DC Voltage (V)	60					
MPPT Voltage Range (V)	25-55					
Full Load DC Voltage Range (V)	26.5-55		33-55		40-55	
Max. DC Short Circuit Current (A)	4×19.5					
Max. Input Current (A)	4×13					
No.of MPP Trackers	4					
No.of Strings per MPP Tracker	1					
<b>Output Data (AC)</b>						
Max. Output Apparent Power (VA)	1300		1600		2000	
Rated output Power (W)	1300		1600		2000	
Rated output Current (A)	5.9	5.7	7.3	7	9.1	8.7
Nominal Voltage / Range (this may vary with grid standards)	220V/ 0.85Un-1.1Un	230V/ 0.85Un-1.1Un	220V/ 0.85Un-1.1Un	230V/ 0.85Un-1.1Un	220V/ 0.85Un-1.1Un	230V/ 0.85Un-1.1Un
Nominal Frequency / Range	50 / 60Hz					
Extended Frequency / Range	45-55Hz / 55-65Hz					
Power Factor	>0.99					
Maximum Units per Branch	4		4		3	
<b>Efficiency</b>						
CEC Weighted Efficiency	95%					
Peak Inverter Efficiency	96.5%					
Static MPPT Efficiency	99%					
Night Time Power Consumption	50mW					
<b>Mechanical Data</b>						
Ambient Temperature Range	-40-60°C, >45°C Derating					
Cabinet Size (WxHxD mm)	267×300×42.5 (Excluding Connectors and Brackets)					
Weight (kg)	5.2					
Cooling	Free Cooling					
Enclosure Environmental Rating	IP67					
<b>Features</b>						
Communication	WIFI					
Grid Connection Standard	VDE4105, IEC61727/62116, VDE0126, AS4777.2, CEI 0 21, EN50549-1, G98, G99, C10-11, UNE217002, NBR16149/NBR16150					
Safety EMC / Standard	UL 1741, IEC62109-1/-2, IEC61000-6-1, IEC61000-6-3, IEC61000-3-2, IEC61000-3-3					
Warranty	10 Years					