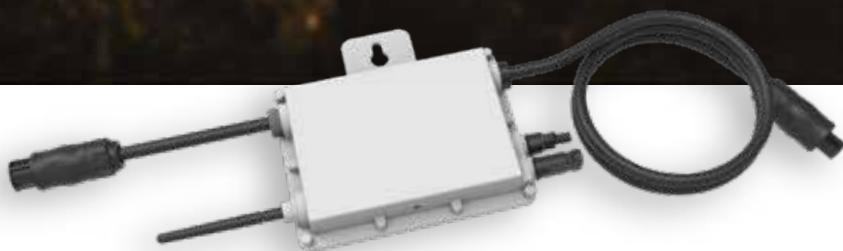
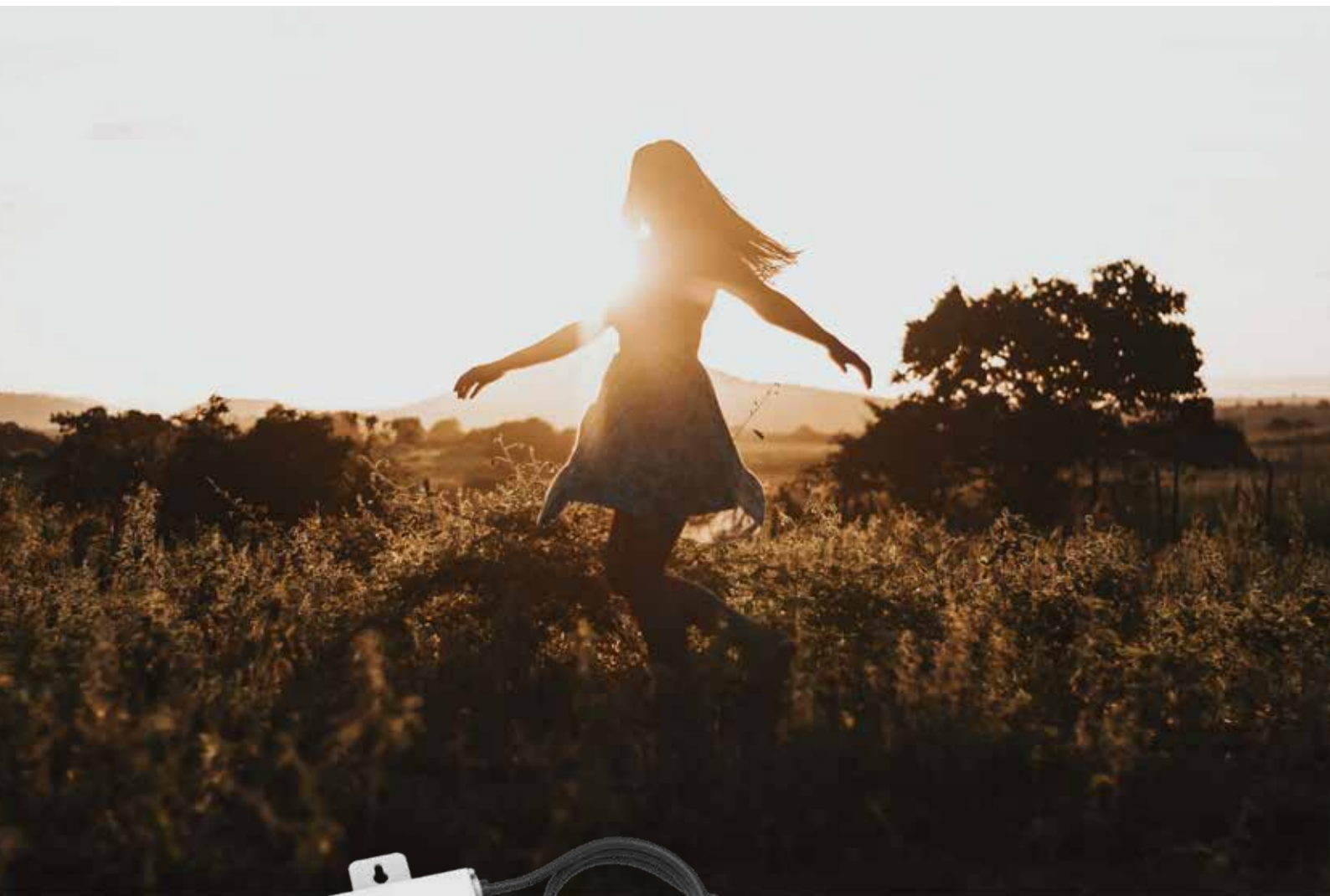


# Microinverter

SUN300G3-US-220/EU-230

SUN500G3-US-220/EU-230



IP67 protection degree, 10 years warranty



WiFi communication



Support reactive power compensation



1 MPP tracker, module level monitoring



Rapid shutdown function

**Deye**

Stock Code: 605117.SH

Model	SUN300G3-US-220	SUN300G3-EU-230	SUN500G3-US-220	SUN500G3-EU-230
<b>Input Data (DC)</b>				
Recommended Input Power (STC)	210-420W (1 Piece)		210-600W (1 Piece)	
Maximum Input DC Voltage (V)	60			
MPPT Voltage Range (V)	25-55			
Full Load DC Voltage Range (V)	30-55		40-55	
Max. DC Short Circuit Current (A)	19.5			
Max. Input Current (A)	13			
No. of MPP Trackers	1			
No. of Strings per MPP Tracker	1			
<b>Output Data (AC)</b>				
Max. Output Apparent Power (VA)	300		500	
Rated Output Power (W)	300		500	
Rated Output Current (A)	1.4	1.3	2.3	2.2
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
Nominal Frequency / Range	50 / 60Hz			
Extended Frequency / Range	45-55Hz / 55-65Hz			
Power Factor	>0.99			
Maximum Units per Branch	17		10	
<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)	189×184×31.5 (Excluding Connectors and Brackets)			
Weight (kg)	2.15			
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			