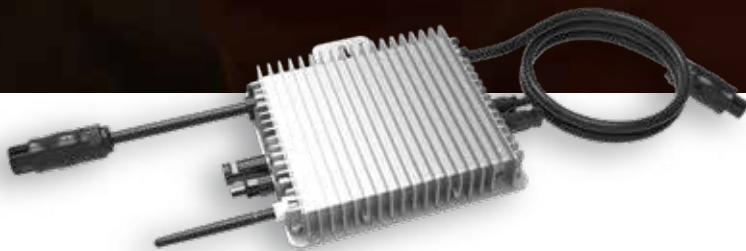
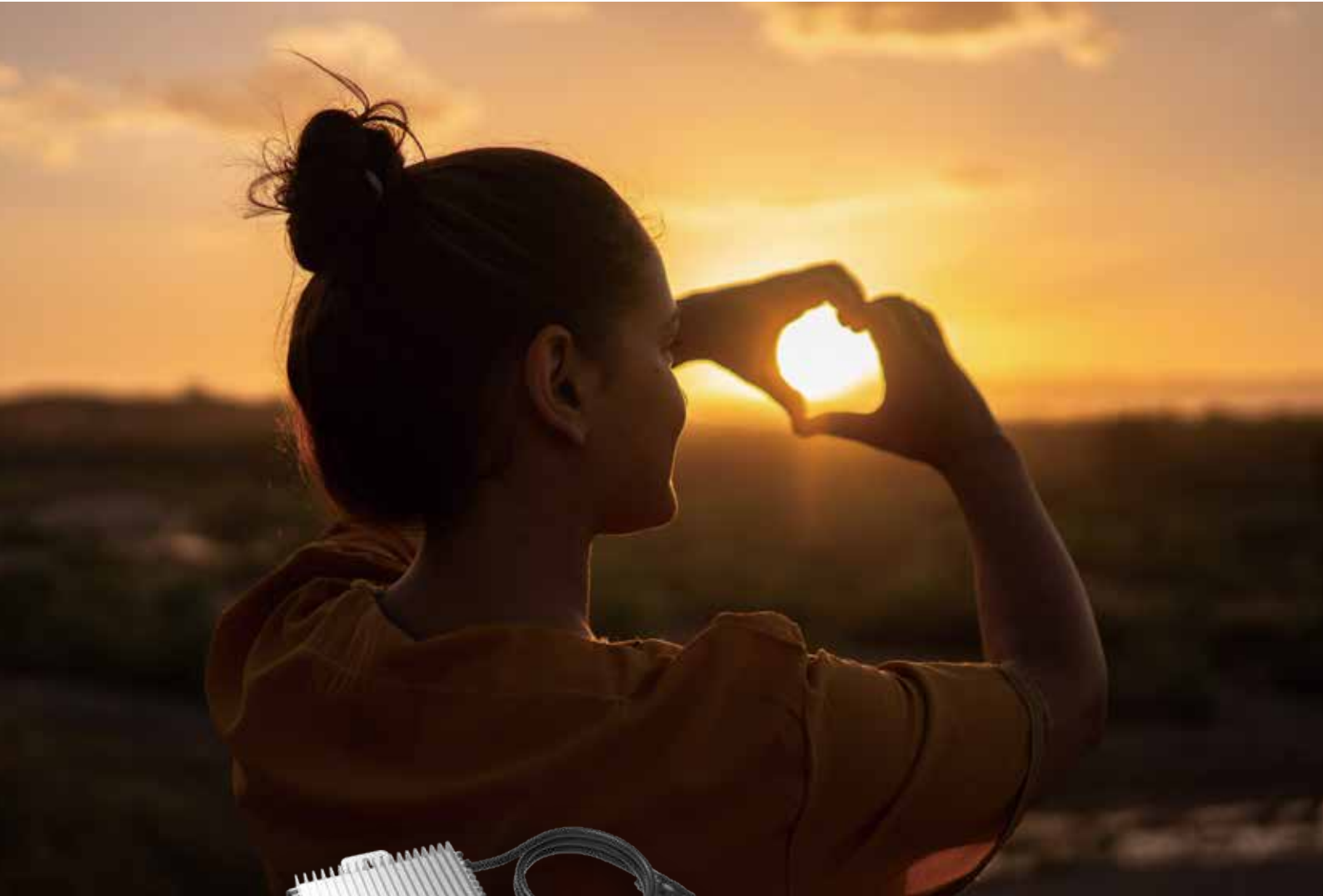


# Microinverter

SUN600G3-US-220/EU-230

SUN800G3-US-220/EU-230 SUN1000G3-US-220/EU-230



Support reactive power compensation



Rapid shutdown function



IP67 protection degree, 10 years warranty



PLC, Zigbee or WIFI communication



2 MPP trackers, module level monitoring

**Deye**

*Clean Power For You*

# Microinverter

Model	SUN600G3 -US-220	SUN600G3 -EU-230	SUN800G3 -US-220	SUN800G3 -EU-230	SUN1000G3 -US-220	SUN1000G3 -EU-230
<b>Input Data (DC)</b>						
Recommended input Power (STC)	210~400W (2 Piece)		210~500W (2 Piece)		210~600W (2 Pieces)	
Maximum input DC Voltage	60V					
MPPT Voltage Range	25~55V					
Operating DC Voltage Range	20~60V					
Max. DC Short Circuit Current	19.5A×2					
Max. input Current	13A×2					
Number of MPPT / Strings per MPPT	2 / 1					
<b>Output Data (AC)</b>						
Rated output Power	600W		800W		1000W	
Rated output Current	2.7A	2.6A	3.6A	3.5A	4.5A	4.3A
Nominal Voltage / Range (this may vary with grid standards)	220V/176-242V	230V/184-265V	220V/176-242V	230V/184-265V	220V/176-242V	230V/184-265V
Nominal Frequency / Range	50 / 60Hz					
Extended Frequency / Range	45~55Hz / 55~65Hz					
Power Factor	>0.99					
Maximum units per branch	8		6		5	
<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	-40~65°C					
Size (mm)	212W×229H×40D (Without mounting bracket and cable)					
Weight (kg)	3.5					
Cooling	Natural cooling					
Enclosure Environmental Rating	IP67					
<b>Features</b>						
Compatibility	Compatible with 60~72 cell PV modules					
Communication	Power line / WIFI / Zigbee					
Grid Connection Standard	EN50549-1, VDE0126-1-1, VDE 4105, ABNT NBR 16149, ABNT NBR 16150, ABNT NBR 62116, RD1699, UNE 206006 IN, UNE 206007-1 IN, IEEE1547					
Safety EMC / Standard	UL 1741, IEC62109-1/-2, IEC61000-6-1, IEC61000-6-3, IEC61000-3-2, IEC61000-3-3					
Warranty	10 years					