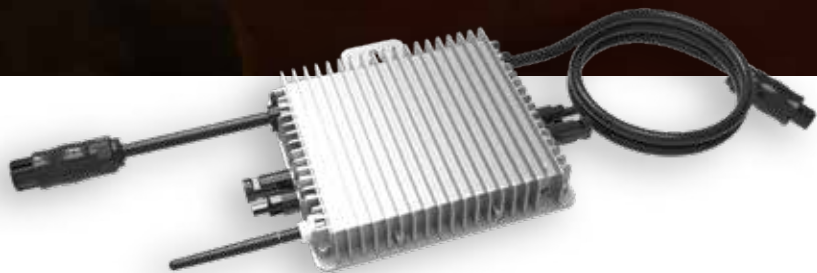


Microinverter



SUN600G3-US-220/EU-230

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



IP67 protection degree, 10 years warranty



PLC, Zigbee or WIFI communication



Support reactive power compensation



2 MPP trackers, module level monitoring



Rapid shutdown function

Deye

Stock Code: 605117.SH

Model	SUN600G3-US-220		SUN600G3-EU-230		SUN800G3-US-220		SUN800G3-EU-230		SUN1000G3-US-220		SUN1000G3-EU-230		
Input Data (DC)													
Recommended input Power (STC)		210~400W (2 Pieces)			210~600W (2 Pieces)				210~600W (2 Pieces)				
Maximum input DC Voltage		60V											
MPPT Voltage Range		25~55V											
Full Load DC Voltage Range (V)		24.5~55V			33~55V				40~55V				
Max. DC Short Circuit Current		2×19.5A											
Max. input Current		2×13A											
No.of MPP Trackers		2											
No.of Strings per MPP Tracker		1											
Output Data (AC)													
Rated output Power		600W			800W				1000W				
Rated output Current		2.7A		2.6A		3.6A		3.5A		4.5A		4.4A	
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		8			6				5				
Efficiency													
CEC Weighted Efficiency		95%											
Peak Inverter Efficiency		96.5%											
Static MPPT Efficiency		99%											
Night Time Power Consumption		50mW											
Mechanical Data													
Ambient Temperature Range		-40~65°C											
Size (mm)		212W×230H×40D (Without mounting bracket and cable)											
Weight (kg)		3.15											
Cooling		Natural cooling											
Enclosure Environmental Rating		IP67											
Features													
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											