

Microinverter

SUN-M130/160/180/200G4-EU-Q0



18 Max. DC input current of 18A, adapt to 700W PV module



IP67 protection degree, *10 years warranty



4 MPP trackers, module level monitoring



Wi-Fi communication



Rapid shutdown function

Deye

Stock Code: 605117.SH

Model	SUN-M130G4 -EU-Q0	SUN-M160G4 -EU-Q0	SUN-M180G4 -EU-Q0	SUN-M200G4 -EU-Q0
PV String Input Data				
Max. PV Input Power (W)	210-460 (4 Pieces)	210-560 (4 Pieces)	210-630 (4 Pieces)	210-700 (4 Pieces)
Max. PV Input Voltage (V)	60			
Start-up Voltage (V)	20			
MPPT Voltage Range (V)	25-55			
Rated PV Input Voltage (V)	42.5			
Max. Operating PV Input Current (A)	15+15+15+15			
Max. Input Short Circuit Current (A)	22.5+22.5+22.5+22.5			
No. of MPP Trackers/ No. of Strings MPP Tracker	4/1			
AC Output Side				
Rated AC Output Active Power (W)	1300	1600	1800	2000
Max. AC Output Apparent Power (VA)	1300	1600	1800	2000
Rated AC Output Current (A)	6/5.7	7.3/7	8.2/7.9	9.1/8.7
Max. AC Output Current (A)	6/5.7	7.3/7	8.2/7.9	9.1/8.7
Rated Output Voltage/Range (V)	220/230 0.85Un-1.1Un			
Grid Connection Form	L/N/PE			
Rated Output Grid Frequency/Range(Hz)	50/45-55, 60/55-65			
Max. Unit per Branch	5	4	3	3
Power Factor Adjustment Range	0.9 leading-0.9 lagging			
Total Current Harmonic Distortion THDi	<3%			
DC Injection Current	<0.5%In			
Efficiency				
Max. Efficiency	96.5%			
Euro Efficiency	96.0%			
MPPT Efficiency	>99%			
Equipment Protection				
DC Reverse Polarity Protection	Yes			
AC Output Overcurrent Protection	Yes			
AC Output Overvoltage Protection	Yes			
AC Output Short Circuit Protection	Yes			
Thermal Protection	Yes			
Insulation Impedance Detection	Yes			
Anti-islanding Protection	Yes			
Surge Protection Level	TYPE II(AC)			
Interface				
Communication Interface	Wi-Fi			
General Data				
Operating Temperature Range (°C)	-40 to +65°C, >45°C Derating			
Permissible Ambient Humidity	0-100%			
Permissible Altitude (m)	2000m			
Noise (dB)	≤25			
Ingress Protection(IP) Rating	IP 67			
Inverter Topology	Isolated			
Over Voltage Category	OVC II(DC), OVC III(AC)			
Cabinet Size (WxHxD mm)	311×250.5×36.5 (Excluding Connectors and Brackets)			
Weight (kg)	5.1			
Warranty	15 Years			
Type of Cooling	Natural Cooling			
Grid Regulation	IEC 61727, IEC 62116, CEI 0-21, EN 50549, NRS 097, RD 140, UNE 217002, G98, VDE-AR-N 4105			
Safety EMC/Standard	IEC/EN 61000-6-1/2/3/4, IEC/EN 62109-1, IEC/EN 62109-2			

*Note: 15 Years Warranty (Only Installed in Germany and Austria)