

Microinverter

SUN-M130/160/180/200/220G4-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



WIFI 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	SUN-M220G4 -EU-Q0
Input Data (DC)					
Recommended Input Power (STC)	210-460W (4 Pieces)	210-560W (4 Pieces)	210-630W (4 Pieces)	210-700W (4 Pieces)	210-770W (4 Pieces)
Maximum Input DC Voltage (V)	60				
MPPT Voltage Range (V)	25-55				
Full Load DC Voltage Range (V)	29-55	31.5-55	33-55	34.5-55	37.5-55
Max. DC Short Circuit Current (A)	4x27				
Max. Input Current (A)	4x18				
No.of MPP Trackers	4				
No.of Strings per MPP Tracker	1				
Output Data (AC)					
Max. Output Apparent Power (VA)	1300	1600	1800	2000	2200
Rated Output Power (W)	1300	1600	1800	2000	2200
Rated Output Current (A)	6/5.7	7.3/7	8.2/7.9	9.1/8.7	10/9.6
Max.AC Output Current (A)	6/5.7	7.3/7	8.2/7.9	9.1/8.7	10/9.6
Grid Connection Form Rated output voltage/range (V)	L+N+PE 220V/184V-242V 230V/ 195.5V-253V				
Rated Grid Frequency/range (Hz)	50Hz/45Hz-55Hz 60Hz/55Hz-65Hz				
Power Factor Adjustment Range	0.95leading-0.95lagging				
Total Harmonics Current Distortion (THDi)	<3%				
DC Component Of Grid	<0.5%In				
Maximum Units per Branch	5	4	3	3	3
Efficiency					
Max Efficiency	96.5%				
MPPT Efficiency	>99%				
Mechanical Data					
Night Time Power Consumption	50mW				
Ambient Temperature Range	--40 to +65°C, >45°C Derating				
Cabinet Size (WxHxD mm)	306×250×37.5 (Excluding Connectors and Brackets)				
Weight (kg)	5				
Cooling	Free Cooling				
Enclosure Environmental Rating	IP67				
Features					
Communication	WIFI				
Grid Connection Standard	IEC 61727, IEC 62116, CEI 0-21, EN 50549, NRS 097, RD 140, UNE 217002, OVE-Richtlinie R25, G98, VDE-AR-N 4105				
Safety / EMC Standard	IEC/EN 61000-6-1/2/3/4, IEC/EN 62109-1, IEC/EN 62109-2				
Warranty	10 Years				

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