

Microinverter

SUN-M220/225G4-EU-Q0



18 Max. DC input current of 18A, adapt to 790W 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-M220G4 -EU-Q0	SUN-M225G4 -EU-Q0
PV String Input Data		
Max. PV Input Power (W)	210-770 (4 Pieces)	210-790 (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)	18+18+18+18	
Max. Input Short Circuit Current (A)	27+27+27+27	
No. of MPP Trackers/ No. of Strings MPP Tracker	4/1	
AC Output Side		
Rated AC Output Active Power (W)	2200	2250
Max. AC Output Apparent Power (VA)	2200	2250
Rated AC Output Current (A)	10/9.6	10.3/9.8
Max. AC Output Current (A)	10/9.6	10.3/9.8
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	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)	358×255.5×36.5 (Excluding Connectors and Brackets)	
Weight (kg)	5.2	
Warranty	10 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	