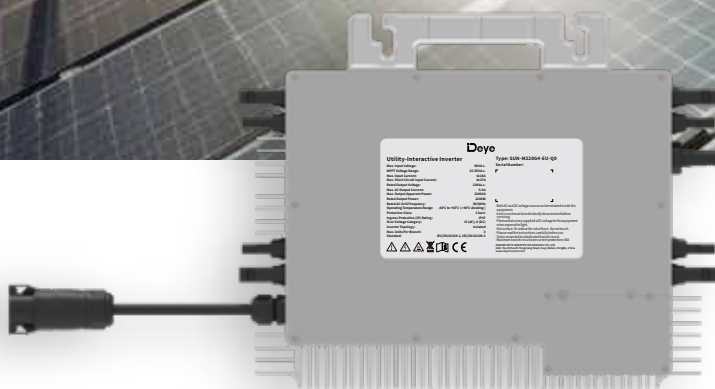


# Microinverter

SUN-M220/225G4-EU-Q0



IP67 protection degree, \*10 years warranty



Wi-Fi communication

18

Max. DC input current of 18A, adapt to 790W PV module



4 MPP trackers, module level monitoring



Rapid shutdown function

**Deye**

Stock Code: 605117.SH

Model	SUN-M220G4 -EU-Q0	SUN-M225G4 -EU-Q0
<b>PV String Input Data</b>		
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	
<b>AC Output Side</b>		
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	
<b>Efficiency</b>		
Max. Efficiency	96.5%	
Euro Efficiency	96.0%	
MPPT Efficiency	>99%	
<b>Equipment Protection</b>		
DC Polarity Reverse Connection Protection	Yes	
AC Output Overcurrent Protection	Yes	
AC Output Overvoltage Protection	Yes	
AC Output Short Circuit Protection	Yes	
Thermal Protection	Yes	
DC Terminal Insulation Impedance Monitoring	Yes	
Power Network Monitoring	Yes	
Island Protection Monitoring	Yes	
Earth Fault Detection	Yes	
Overvoltage Load Drop Protection	Yes	
<b>Interface</b>		
Communication Interface	Wi-Fi	
<b>General Data</b>		
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, G99, 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)