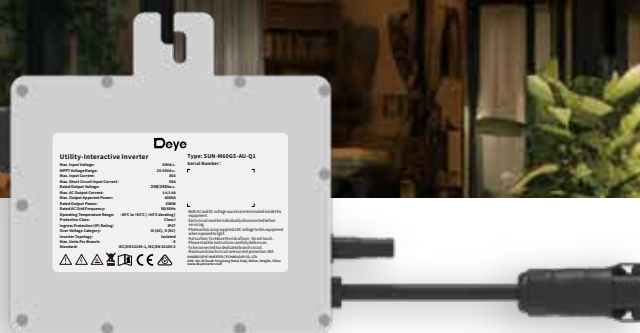


Microinverter

SUN-M60/80/100G5-AU-Q1



- 30** Max. DC input current of 30A, adapt to 700W PV module
-  1 MPP tracker, module level monitoring
-  Rapid shutdown function

-  IP67 protection degree, 10 years warranty

-  WIFI communication

Deye

Stock Code: 605117.SH

Model	SUN-M60G5-AU-Q1		SUN-M80G5-AU-Q1	SUN-M100G5-AU-Q1
PV String Input Data				
Max. PV Input Power (W)	210-420(2 Pieces)	210-560(2 Pieces)	210-700(2 Pieces)	
Max. PV Input Voltage (V)	60			
Start-up Voltage (V)	15			
MPPT Voltage Range (V)	25-55			
Rated PV Input Voltage (V)	42.5			
Max. Operating PV Input Current (A)	30			
Max. Input Short Circuit Current (A)	45			
No. of MPP Trackers/ No. of Strings per MPP Tracker	1/2			
AC Output Side				
Rated AC Output Active Power (W)	600	800	1000	
Max. AC Output Apparent Power (VA)	600	800	1000	
Rated AC Output Current (A)	2.7	3.5	4.4	
Max. AC Output Current (A)	2.7	3.5	4.4	
Rated Output Voltage/Range (V)	230V/240V 0.85Un-1.1Un			
Grid Connection Form	L+N+PE			
Rated Output Grid Frequency/Range(Hz)	50/45-55			
Max. Unit per Branch	8	6	5	
Power Factor Adjustment Range	0.8 leading-0.8 lagging			
Total Current Harmonic Distortion THDi	<5%			
DC Injection Current	<0.5In			
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(Active Frequency Shift)			
Surge Protection Level	TYPE II(DC),TYPE II(AC)			
General Data				
Operating Temperature Range (°C)	-40℃~65℃			
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 IV(AC)			
Communication	WiFi			
Cabinet Size (WxHxD mm)	217.3×175.5×32.4 (Excluding Connectors and Brackets)			
Weight (kg)	2.7			
Warranty	Standard 10/15 years, extended warranty			
Type of Cooling	Natural Cooling			
Grid Regulation	AS/NZS 4777.2			
Safety EMC/Standard	IEC 62920,IEC 61000-6-1/2/3/4, IEC 62109-1, IEC 62109-2			