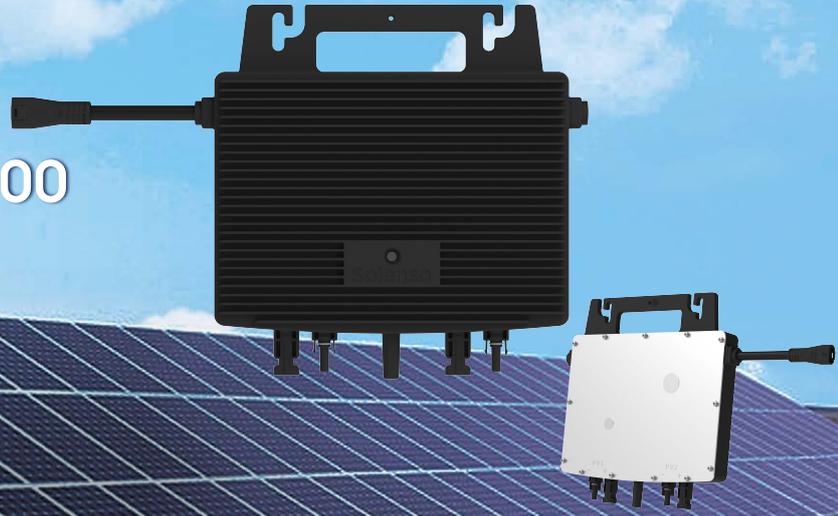




SOLENSO

SOL-H900/SOL-H1000

AC version G2



Safer



Smarter



More Powerful



More Reliable

Highlights

- Two independent MPPT brings more energy output. MLPE monitoring brings smarter maintenance.
- Up to 980 VA output power.
- Plug and play design brings easy installation.
- Strong and reliable wireless communication with Solenso DTU-SLT.
- Rapid shutdown compliance and isolated transformer. Safer to install and use.
- High reliability; NEMA(IP67) enclosure; 6000V surge protection

Model	Sol-H900	Sol-H1000
Input Data (DC)		
Commonly used module power (Wp)	330 ~ 600+	370 ~ 670+
Peak Power MPPT voltage range (V)	16 ~ 48	
Start-up voltage (V)	22	
Perating voltage range (V)	16 ~ 60	
Maximum input voltage (V)	60	
Maximum input current (A)	2 * 14	2 * 14.5
No. of MPPTs	2	
No. of inputs per MPPT	1	
Output Data (AC)		
Rated output power (VA)	900	980
Rated output current (A)	3.91	4.26
Nominal output voltage /range (V)	230 / 180 - 270 ^①	
Nominal frequency /range (Hz)	50 / 45 – 55 ^①	
Displacement power factor (adjustable)	0.8 leading to 0.8 lagging	
Total harmonic distortion	< 3%	
Maximum units per branch (10AWG)	8	7
Efficiency		
CEC peak efficiency	96.50%	
Nominal MPPT efficiency	99.50%	
Nominal power consumption (mW)	< 50	
Mechanical Data		
Ambient temperature range (°C)	-40 ~ +65	
Dimensions (WxHxD mm)	260 × 193 × 36	
Weight (kg)	2.6	
Enclosure rating	IP67	
Cooling	Natural convection	
Features		
Communication	2.4G Hz Proprietary RF (Nordic)	
Isolation Type	High Frequency Transformers (Galvanically Isolated)	
Monitoring	Sofia Pro Cloud ^②	
Compliance	VDE-R-N 4105:2018, EN 50549-1:2019, VER 2019, ICE/EN 62109-1/-2, IEC/EN 6100-6-1/-2-3/-4, ICE/EN 61000-3-2/-3	

- ^①Nominal voltage/ frequency range can be changed due to the requirements of local power department
- ^②Solenso Monitoring System

