



SOLENSO

SOL-H900/SOL-H1000

H2H version



Safer



Smarter



More Powerful



More Reliable

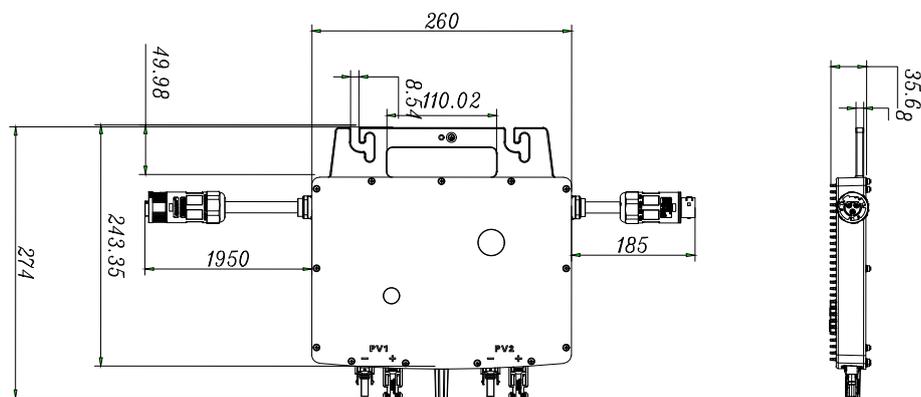
Highlights

- 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 (W)	360~600+	370~670+
Number of MPPTs	2	2
Number of Inputs per MPPT	1	1
Start-up voltage (V)	22	22
Operating voltage range (V)	16~60	16~60
Maximum input voltage (V)	60	60
Maximum input current (A)	2*14	2*14.5
Maximum input short circuit current (A)	2*20	2*20
Output Data (AC)		
Rated output power (VA)	900	980
Rated output current(A)	3.91	4.26
Nominal output voltage (V)	230	230
Nominal output voltage range (V) ¹	180-270	180-270
Nominal frequency/range (Hz) ¹	50/45-55 or 60/55-65	50/45-55 or 60/55-65
Power factor (Adjustable)	> 0.99 default 0.8 leading...0.8 lagging	> 0.99 default 0.8 leading...0.8 lagging
Total harmonic distortion	< 3%	< 3%
Maximum units per branch ²	5	5
Efficiency		
CEC peak efficiency	96.50%	96.50%
Nominal MPPT efficiency	99.50%	99.80%
Nominal power consumption (mW)	< 50	< 50
Mechanical Data		
Ambient temperature range (°C)	-40~+65	
Enclosure rating	Outdoor-NEMA (IP67)	
Cooling	Natural convection	
Features		
Communication	Wireless_2.4G	
Weight (Kg)	3.4	
Dimension (WxHxD mm)	260x193.4x35.6	
Type of isolation	Galvanically Isolated HF Transformer	
Monitoring	Solenso Monitoring System	
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	

¹ Nominal voltage/frequency range can be changed due to the requirements of local power department

² Refer to local requirements for exact number of microinverter per branch



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