



SOLENSO

SOL-H700H/SOL-H800H

The best daisy-chain microinverter with reactive power control for 2 solar panels



Highlights

- Easy installation, just plug and play
- External antenna for stronger communication with DTU
- Power factor (adjustable) 0.8 leading.....0.8 lagging
- Compliant with VDE-AR-N 4105:2018&EN50549-1 :2019
- High reliability; NEMA (IP67) enclosure; 6000V surge protection



Model	Sol-H700H	Sol-H800H
Input Data (DC)		
Commonly used module power (W)	280~470+	320~540+
Start -up voltage (V)		22
MPPT voltage range (V)		16~60
Maximum input voltage (V)		60
Maximum input current (A)	2*11.5	2*12.5
Maximum input short circuit current (A)		2*15
Output Data (AC)		
Rated output power (VA)	700	800
Rated output current(A)	3.04	3.48
Nominal output voltage (V)		230
Nominal output voltage range (V)		180-275 ¹
Nominal frequency/range (Hz)		50/45-55 ¹ or 60/55-65 ¹
Power factor (Adjustable)		> 0.99 default 0.8 leading...0.8 lagging
Total harmonic distortion		< 3%
Maximum units per branch(12AWG) ²	7	6
Maximum units per branch(10AWG) ²	9	8
Efficiency		
CEC peak efficiency		96.70%
CEC weighted efficiency		96.50%
Nominal MPPT efficiency		99.80%
Nominal power consumption (mW)		< 50
Mechanical Data		
Ambient temperature range (°C)		-40~+65
Dimensions (WxHxD mm)		250 x 170 x 28
Weight (kG)		3.0
Enclosure rating		Outdoor-NEMA (IP67)
Cooling		Natural convection-No fans
Features		
Communication		2.4GHz Proprietary RF(Noedic)
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

- Nominal voltage/frequency range can be changed due to the requirements of local power department
- Refer to local requirements for exact number of microinverter per branch