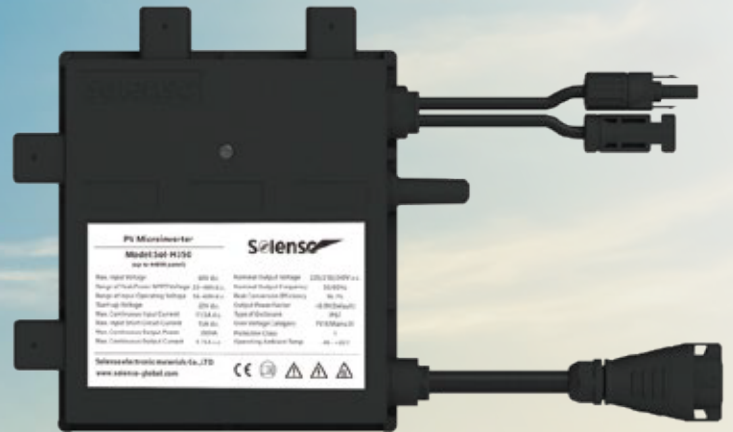


SOLENSO Micro Inverter

The perfect lightweight and compact selection for your PV system



Product 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



Technical Data

Model	Sol-H350	Sol-H400
Input Data (DC)		
Commonly used module power (W)	280 ~470	320 ~540
Module compatibility	60-cell or 72-cell PV modules	60-cell or 72-cell PV modules
Peak power MPPT voltage range (V)	33 ~ 48	34 ~ 48
Start -up voltage (V)	22	22
Operating voltage range (V)	16 ~ 60	16 ~ 60
Maximum input voltage (V)	60	60
Maximum input current (A)	11.5	12.5
Maximum input short circuit current (A)	15	15
Output Data (AC)		
Rated output power (VA)	350	400
Rated output current(A)	1.59 / 1.52 / 1.46	1.82 / 1.74 / 1.67
Nominal output voltage (V)	220 / 230 / 240	220 / 230 / 240
Nominal output voltage range (V)	180 - 275 ¹	180 - 275 ¹
Nominal frequency/range (Hz)	50/45-55 ¹ or 60/55-65 ¹	50/45-55 ¹ or 60/55-65 ¹
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(12AWG)	14 / 14 / 14	12 / 12 / 12
Maximum units per branch(10AWG)	18 / 19 / 20	16 / 17 / 18
Efficiency		
CEC peak efficiency	96.70%	96.70%
CEC weighted efficiency	96.50%	96.50%
Nominal MPPT efficiency	99.80%	99.80%
Nominal power consumption (mW)	<50	<50
Mechanical Data		
Ambient temperature range (°C)	-40 ~+65	
Dimensions (WxHxD mm)	184.5 x 204.5 x 26	
Weight (kg)	1.7	
Enclosure rating	Outdoor-NEMA (IP 67)	
Cooling	Natural convection - No fans	
Features		
Communication	2.4G Hz Proprietary RF(Nordic)	
Monitoring	Solenso Monitoring System	
Compliance	VDE-R-N 4105: 2018, EN 50549-1: 2019, VFR 2019, IEC/EN 62109-1/-2, IEC/EN 61000-6-1/-2/-3/-4, IEC/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

MECHANICAL SPECIFICATION

