



**SmartGreen**



# SSI 60

ESI-006000-P00

Solar Inverter

## Product

# HIGHLIGHT



Support remote monitor by connected to meter and ESS controller and easy to know how much power saving from green power.



High input capacity for solar panel with 8 channels with 4 channels support MPPT to enhance power generation in complicated scenarios.



Suitable for various installation environments for highly protected by an IP65 waterproof and tough aluminum alloy casting.



## Solar / Hybrid Inverter - EU

The series products provide hybrid inverter for home use and pure solar inverter for commercial or industrial needs.

To use green energy for solar power, the solar inverter is a critical equipment in solar power system.

**ECO FRIENDLY | GREEN ENERGY | SUSTAINABILITY**

# Solar Inverter



Series / Model name		SSI 60 / ESI-006000-P00
<b>PV port</b>		
Input voltage	Max. 1050 V DC	
MPPT working voltage	200 V to 900 V DC	
MPPT working current	27A per MPPT	
PV input (number of MPPT)	8 ports (4 MPPT)	
Peak efficiency	98.5%	
<b>AC Port (On-grid Mode)</b>		
Wire connection	L1+L2+L3+N+PE, three-phase	
Rated grid voltage / frequency	220 / 380Vac or 230 / 400Vac , 50 Hz	
Working power / current	60kVA / Max. 87A	
Power factor range	-0.8 to +0.8	
THDi	< 3% (@ rated power)	
<b>Protection</b>		
Protection function	OCP, Anti-islanding protection, DC surge protection, AC surge protection	
Detection function	Insulation impedance detection, residual current detection, string formation fault detection	
<b>Interface / Communication</b>		
Display	LED indicator	
Interface	RS485, CAN	
<b>General Parameter</b>		
Topology	Transformer-less	
Operating temperature	-25 °C to +60 °C (de-rating above 45°C @ rated output power)	
Humidity	0% to 100%	
Operating altitude	≤4000m (de-rating above 3000m)	
<b>Mechanical</b>		
Enclosure Protection	IP65	
Cooling	Forced air cooling	
Dimensions (W x H x D)	700 x 615 x 290 mm	
Weight	62.5 kg	
Installation	Wall - mounting	
<b>Compliance</b>		
Standards	Safety: IEC 62109-1/-2 EMC: IEC 61000-6-2/-4, IEC 62920	
Grid Connection Standards	MEA, PEA	

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**TOUCH**



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