



# SHP 8-L

EHP-00080L-TU0

Hybrid Inverter

## Product

## HIGHLIGHT



Support APP remote monitor and control and record consumption of power from solar or grid for home or small commercial users.



Highly intelligent control to limit maximum using power from grid and adjust solar or battery power to home needs based on the schedule or setting for saving grid power and electricity bills.



Highly integrated with EMS and inverter for transferring power from solar or battery to grid power for daily or any time needs.



## Solar / Hybrid Inverter - TW

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.

# Hybrid Inverter

Series	SHP-8-L
Model Name	EHP-00080L-TU0
Input - Battery Port	
Max. charge/discharge power	7.6 kW
Working voltage range	380 Vdc to 450 Vdc
Working current	Max. 20 Adc
Peak efficiency	97.4 %
Compatible battery	6.9 kWh to 20.7 kWh / LFP
Input - PV Port	
Input voltage	Max. 600 Vdc
MPPT working voltage	80 Vdc to 500 Vdc
MPPT working current	Max. 13.5 Adc (per MPPT loop)
Number of MPP trackers	3 loops
AC Port (On-grid Mode)	
Wire connection	L1+L2+N+PE, split-phase
Grid voltage/frequency	110/220 Vac, 60 Hz
Working power/current	7.04kVA / Max. 32 A
AC Port (Off-grid Mode)	
Working voltage/frequency	110/220 Vac, 60 Hz
Working power/current	7.04 kVA / Max. 32 A
Interface / Communication	
Display	LED indicator
Smart control	Supported APP
Interface	RS485, BT+Wi-Fi (dongle)
General Parameter	
Topology	Transformer-less
Operating temperature	-25 °C to +60 °C (de-rated at 45 °C at rated output power)
Humidity	0 % to 95 % RH, no condensation
Operating altitude	≤4000 m
Mechanical	
Enclosure protection	IP65
Cooling	Natural convection
Dimensions (W x H x D)	500 x 628 x 178 mm
Weight	Approx. 24 kg
Installation type	Wall - mounting
Compliance	
Standards	Safety: IEC 62109-1/-2, CNS15426-1/-2 EMC: IEC61000-6-1/-3, IEC 62920

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