



HSI Series Mini solar Inverter 350W~1200W Available

Stable & Durable

- latest toroidal transformer could handle triple surge power.
- Inbuilt AVR stabilizer for stable output

High efficiency

- Inverter transfer efficiency up to 85%

Charger

- Inbuilt 15A AC charger
- Inbuilt 20A/30A PWM solar charger

| Model | HSI-351 | HSI-501 | HSI-601 | HSI-801 | HSI-102 | HSI-122 |
|-------------|---------|---------|---------|---------|---------|---------|
| Rated power | 350W | 500W | 600W | 800W | 1000W | 1200W |
| Surge power | 1050W | 1500W | 1800W | 2400W | 3000W | 3600W |

AC Input & Output

| | | | | | | |
|------------------------------------|---------------------------------|--|--|--|--|--|
| Voltage | 220VAC | | | | | |
| Selectable Voltage Range | 165-275VAC (220VAC) | | | | | |
| Frequency Range | 50Hz/60Hz automatic recognition | | | | | |
| AC Voltage Regulation (BATT. Mode) | (DC Batt.mode)220vac±3% | | | | | |
| Transfer Time | ≤8ms | | | | | |
| Wave Form | Pure Sine Wave | | | | | |
| Transformer type | Toroidal | | | | | |
| Transfer efficiency | ≥85% | | | | | |

Battery

| | | |
|-----------------------|--|---------|
| Battery Voltage | 12V | 12V/24V |
| Type | Gel/SLA/AGM/Water battery | |
| DC Charge Voltage | 13.8VDC(12V)/27.6VDC(24V) | |
| Overcharge Protection | Battery voltage \geq 16VDC (12V) \geq 32VDC (24V), stop charging after 60s alarm | |

Solar Charge & Ac Charger

| | | | |
|---------------------------------------|---------------------------|---------|--|
| Maximum PV Array Open Circuit Voltage | Max. 30V(12V) / 50V (24V) | | |
| Maximum Pv Array Power | 450W(12V)/900W(24V) | | |
| Maximum Ac Charge Current | 15A | | |
| Maximum Solar Charge Current | 20A PWM | 30A PWM | |
| Maximum Charging Current | 35A | 45A | |

Working mode

| | |
|---------|---------------------|
| 01 mode | AC mains priority |
| 02 mode | ECO mode |
| 03 mode | DC battery priority |

Physical

| | | | | | | |
|----------------------|------------|-----|---|---|----|----|
| Dimension, D*W*H(MM) | 360*33*215 | | | | | |
| G.W.(KGS) | 8.5 | 8.5 | 9 | 9 | 10 | 10 |

Environment

| | | | | | | |
|-----------------------|-------------------------|--|--|--|--|--|
| Humidity | 0~95% (NO CONDENSATION) | | | | | |
| Operating Temperature | 0~60℃ | | | | | |
| Storage Temperature | 0~60℃ | | | | | |

*Product Specifications Are Subject To Change Without Further Notice