

Delight Solutions



Semi-Integrated Solar Lights



9W-120W

Semi-Integrated Solar Light

Product Code	Wattage	Battery Details	Solar Panel
HR009WSISSTLAH0	9W	12.8V/6Ah LPF	30W
HR012WSISSTLAH0	12/15W	12.8V/12Ah LPF	40W
HR020WSISSTLAH0	18/20W	12.8V/18Ah LPF	60W
HR024WSISSTLAH0	24/30W	12.8V/24Ah LPF	80W
HR040WSISSTLAH0	36-40W	12.8V/36Ah LPF	100W
HR050WSISSTLAH0	50W	12.8V/42Ah LPF	125W
HR060WSISSTLAH0	60W	12.8V/48Ah LPF	140W
HR080WSISSTLAH0	80W	12.8V/66Ah LPF	150W
HR100WSISSTLAH0	100W	25.6V/42Ah LPF	170W
HR120WSISSTLAH0	120W	25.6V/48Ah LPF	200W
HR150WSISSTLAH0	150W	25.6V/54Ah LPF	240W

Integrated Solar Lights



9W to 100W

Product Code	Wattage	Battery Details	Solar Panel
HR09WISSTLAH000	9W	12.8V/6Ah LPF	30W
HR12WISSTLAH000	12W	12.8V/12Ah LPF	40W
HR18WISSTLAH000	18-20W	12.8V/18Ah LPF	50W
HR24WISSTLAH000	24/30W	12.8V/18Ah LPF	60W
HR40WISSTLAH000	36/40W	12.8V/36Ah LPF	80W
HR50WISSTLAH000	50W	12.8V/42Ah LPF	125W
HR60WISSTLAH000	60W	12.8V/48Ah LPF	140W
HR80WISSTLAH000	80W	12.8V/66Ah LPF	150W
HR100WISSTLAH00	100W	25.6V/42Ah LPF	170W

Technical Specifications: Solar Light

- LED Light Lumens: 120/150lm/W.
- BIS Certified Battery- Yes.
- IEC Certified Solar MMPT Charge Controller- Yes.
- MNRE/BIS Approved Mono-crystalline Solar Panel-Yes.
- Charge Time: 5 to 7 Hours Good Sunshine.
- Backup Time: 2 Days autonomy.
- Easy to Install & Ready to use.
- LED Dispersion angle- 120°/145°.
- Light mounting height-4m to 8m above ground depending on LED Wattage.
- Humidity Range-0 to 95% (non-condensing).
- Temperature range-0 to 60 °C.

LED Indication	Condition
RED: Continuous On	Battery full discharged.
GREEN: LED Blink	Battery in charging mode.
GREEN: Continuous On	Battery fully charged.

Protections:-

- Solar Charger controller rating -5A/10A/15A/25A.
- LED Driver efficiency- >95% (Battery to Load).
- Battery Reverses Polarity Protection- Yes.
- Solar Panel Reverse Polarity Protection- Yes.
- Load Short Circuit Protection-Yes.
- Battery Low Load Disconnection Yes.
- Battery Full Cut-OFF- Yes.
- Protection Grade (IP)-65- Yes.
- Over Temperature Protection-75- Yes.

Hybrid Solar Inverter



Hybrid

Features

- Single - phase hybrid solar inverter.
- Support lithium battery charging and discharging management.
- Optional WI-FI module, supports remote App monitoring.
- Highly integrated plug.
- Maximum efficiency increased 98.7%.
- Seamlessly enable backup power.
- Easy to install and maintain.
- Support lithium battery adaptive.
- 5 years warranty

On-Grid Solar Inverter

- Maximum efficiency 98.2%
- Power factor 1% adjustable from 0.8 leading to 0.8 lagging
- THDi <2.5%
- DC reverse-polarity protection
- Anti-islanding / Overvoltage protection
- Short circuit protection
- Leakage current protection
- Grid monitoring / Ground fault monitoring
- IP-65 according to IEC60529
- 5/10 years warranty

On-Grid Inverter Single Phase

Sr.No.	Model	MPPT VOLTAGE	Max Output Power
01	HR2200WOGI	100-450VDC	2420W
02	HR3000WOGI	100-450VDC	3300W
03	HR4400WOGI	100-500VDC	4400W
04	HR5000WOGI	100-500VDC	5500W
05	HR6000WOGI	100-500VDC	6600W

Technical Parameters

Sr.No.	Model	Rated power
01	HR HF 3500-24	3500VA/3500W
02	HR HF 5500-48	5500VA/5500W
03	HR HFC 8000-48 PLUS	8000VA/8000W

Input Parameters

Voltage	: 240V
Frequency	: 50/60Hz
Efficiency	: 93%
Working Temperature	: -10 ° to 50 °C
Storage Temperature	: -15 ° to 60 °C
Communication Interface	: RS232/RS485/ CAN / Dry contact

Output Parameters

AC Stabilized Voltage	: 230V AC (+/- 5%)
Surge Power	: 7KVA/11KVA/16KVA
Switching Time	: 10ms for PC / 20ms for Home appliances
Waveform	: Pure sine wave



On-Grid

On-Grid Inverter Three Phase

Sr.No.	Model	MPPT VOLTAGE	Max Output Power
01	HR04KWOGIT	160-850VDC	5000W
02	HR05KWOGIT	160-850VDC	6000W
03	HR06KWOGIT	160-850VDC	7000W
04	HR08KWOGIT	160-850VDC	8800W
05	HR10KWOGIT	160-850VDC	11000W
05	HR12KWOGIT	160-850VDC	13200W
05	HR15KWOGIT	160-850VDC	16500W
05	HR17KWOGIT	200-850VDC	18700W
05	HR20KWOGIT	200-850VDC	22000W
05	HR25KWOGIT	200-850VDC	27500W

SMART AND INTELLIGENT PD CHARGER



Technical Specifications

Operating input voltage range : 100-300 Vac; 50/60 Hz; 140-300 Vdc

Applications



Mobile



Laptop



I-pad

Features

- Protection: Output short circuit, Over voltage, Over Current.
- Efficiency >87%.
- 2 Years Warranty.
- Smart & Intelligent Charger for Smartphones, Tablets, Laptops, Table Lamps, Mini Speakers, I-Pads, MacBooks & Mini Fans.
- High Efficiency – Faster charging, Less heat generation, and better power conversion.
- Fast Charging (USB-C PD) – Supports USB Power Delivery protocol for rapid charging of smartphones, tablets, laptops, and other USB-C devices.
- Smart Power Allocation – Automatically detects connected devices and adjusts output for safe & optimal charging.
- Sleek, Travel-Friendly, Compact & Portable Design.

Electrical Specifications

Mobile & Laptop Charger

Serial Number	Output Voltage	Output Current	Output Wattage
	Min- Max	Min- Max	Min- Max
01	5-20V auto	2.25A Max	45W
02	5-20V auto	3.25A Max	65W
03	5-20V auto	5A Max	100W

7-160W MPPT

Solar Street Light Driver



P1 : 61*90*21 MM
P2 : 90*61*21 MM
P3 : 88*86*21 MM



PIR



Remote

Technical Specifications

- Sensing Type : Microwave
- System Voltage : LiFePO4 12.8V/25.6V
- Load Current : 50–4000mA
- Load Voltage : 18–48V
- Load Power : 40W/120W,160W (depending on model)
- Efficiency : ≥95% / ≥96%
- Charging Voltage : 14.4V / 28.8V
- Discharge Protection: 11.2V / 22.4V
- Return Voltage : 12.0V / 24.0V
- Light Control Voltage : 5V / 10V
- Light Control Delay : 0.5 min
- Working Temp : -35°C to +55°C
- Protection : Reverse polarity, over voltage, short circuit, BMS overcharge, etc.
- Protection Grade : IP67
- Weight- 40W-200 Gram,80W-270 Gram

Product Parameters Summary

Model 7-24W: PV-12V80W, 5A Charging, 24W Load.

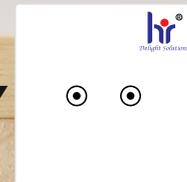
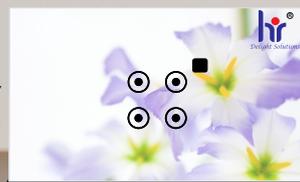
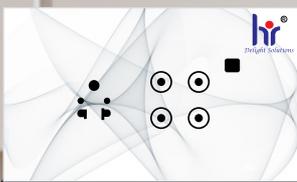
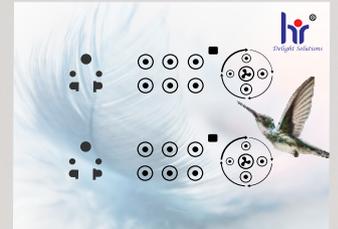
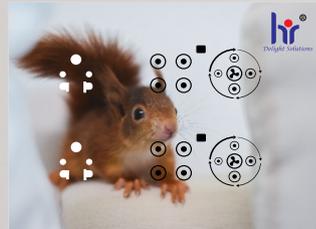
Model 24-40W: PV-12V160W or 24V/320W, 10A Charging, 40W Load.

Model 50-120W: PV-12V200W or 24V/400W, 15A Charging, 120W Load.

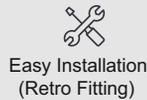
Model 120-160W: PV- 24V/480W, 15A Charging, 160W Load.

HR Industry

Install HR
Smart Switchboards
and turn your home
into Smart Home



KEY FEATURES:



SPECIALITIES

- > Residential / Commercial Use
- > 2 Module, 4 Module, 6 Module. 8 Module, 12 Module, 16 Module.
- > Operating Voltage: 230v Ac. 50hz
- > Technology: Cap Sense
- > Load: 10 Amp Max Current Per Switch
- > Load: 100w Max Per Fan Switch
- > Speed Control: Touch And Slider (Fan)
- > Operating: Manual, Ir Remote, Mobile Application and voice command
- > Kids Safety For Child Lock Touch Panel
- > Load: 16 Amp Socket And Switch



Compatible with

Alexa Echo Dot

Alexa switch of the lights



**Sr. Gat No. 08, A/P-Sasewadi, Near ZP School,
Taluka-Bhor, Dist.- Pune-412205,
Maharashtra (India).**



www.hrindustry.net



marketing@hrindustry.net , jitendra@hrindustry.net



+91 9511631374, +91 9049378851