

DC HOME LIGHTING SYSTEM HLS10PI7



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ELECTRICAL SPECIFICATIONS

Parameter	Value
Panel Voltage	18 V-25V
Solar Charging Current	3 AMP
Grid Charging Current (Optional)	2 AMP
Charge Controller Technology	PWM
Battery Charging Voltage	13.8V
Battery Low Disconnect	10.2V
Over Charge Cut-off Voltage	13.9V
Fuse Rating	5A
Panel	10/20 W
Battery	12 V 7 ah

OTHER SPECIFICATIONS

Operating Temperature	0°C to 55°C
DC Output	3 DC Output 7 W 2 USB Port

INDICATIONS

Mains Charging
Battery Charging
Reverse Battery
Reverse PV

PROTECTIONS

Short circuit
Battery over-charging
Battery deep-discharging
Battery / PV reverse protection

FEATURES

Fuse provided to protect short circuit condition
In-built blocking diode provided to prevent reverse flow of current through PV module



PRODUCT INTRODUCTION

- The power box which has a inbuilt 12v battery and a advanced in build solar charge controller also can be charged via solar or even by AC power using the included DC adapter through electricity.
- There is a small green color LED indicator to show charging indication and also Low battery cutoff red indicator to protect the battery from deep discharge.

Backup time : 2 Bulb - 5 -6 HRS
3 Bulb - 3 -4 HRS

PACKAGE CONTENTS

1. Solar Home Lighting With 3 DC Port and 2 USB for Mobile Charger
2. 10/20 W Panel
3. 12V 7 AH Battery
4. AC Charger (Optional)
5. DC Bulb /Tube 7 W-2 No (Optional)



HLS10PI17



DC HOME LIGHTING SYSTEM HLS10PI14

ELECTRICAL SPECIFICATIONS

Parameter	Value
Panel Voltage	18 V-25V
Solar Charging Current	3 AMP
Grid Charging Current (Optional)	2 AMP
Charge Controller Technology	PWM
Battery Charging Voltage	13.8V
Battery Low Disconnect	10.2V
Over Charge Cut-off Voltage	13.9V
Fuse Rating	5A
Panel	20 W
Battery	12 V 14 AH

OTHER SPECIFICATIONS

Operating Temperature	0°C to 55°C
DC Output	3 Dc Output for Tube/Fan 2 USB Port

INDICATIONS

Mains Charging
Battery Charging
Reverse Battery
Reverse PV

PROTECTIONS

Short circuit
Battery over-charging
Battery deep-discharging
Battery / PV reverse protection

FEATURES

Fuse provided to protect short circuit condition
In-built blocking diode provided to prevent reverse flow of current through PV module

PRODUCT INTRODUCTION

- The power box which has a inbuilt 12v battery and a advanced solar charge controller also inbuilt can be charged via solar or even by AC power using the included DC adapter through electricity.
- There is a small green color LED indicator to show charging indication and also Low battery cutoff red indicator to protect the battery from deep discharge.
- This product has many variations by way of battery capacity (stored power) and solar panels (battery charging) that can be used all offering different back up times otherwise the functions remaining the same.
- Backup time : 2 Bulb/Tube 1 Fan - 6 HRS
3 Bulb/Tube - 10HRS

PACKAGE CONTENTS

1. Solar Home Lighting With 3 DC Port and 2 USB for Mobile Charger
2. 20/40 W Panel
3. 12V 14 AH Battery
4. AC Charger (Optional)
5. DC Bulb /Tube 7 W-2 No (Optional)

Protect Solar Charge Controller from direct Sunlight & Water.

Panel open circuit voltage should not to do be more than specified voltage

*Specification are subject to change without prior notice due to constant improvement in design & technology.

[Authorised Dealer](#)



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