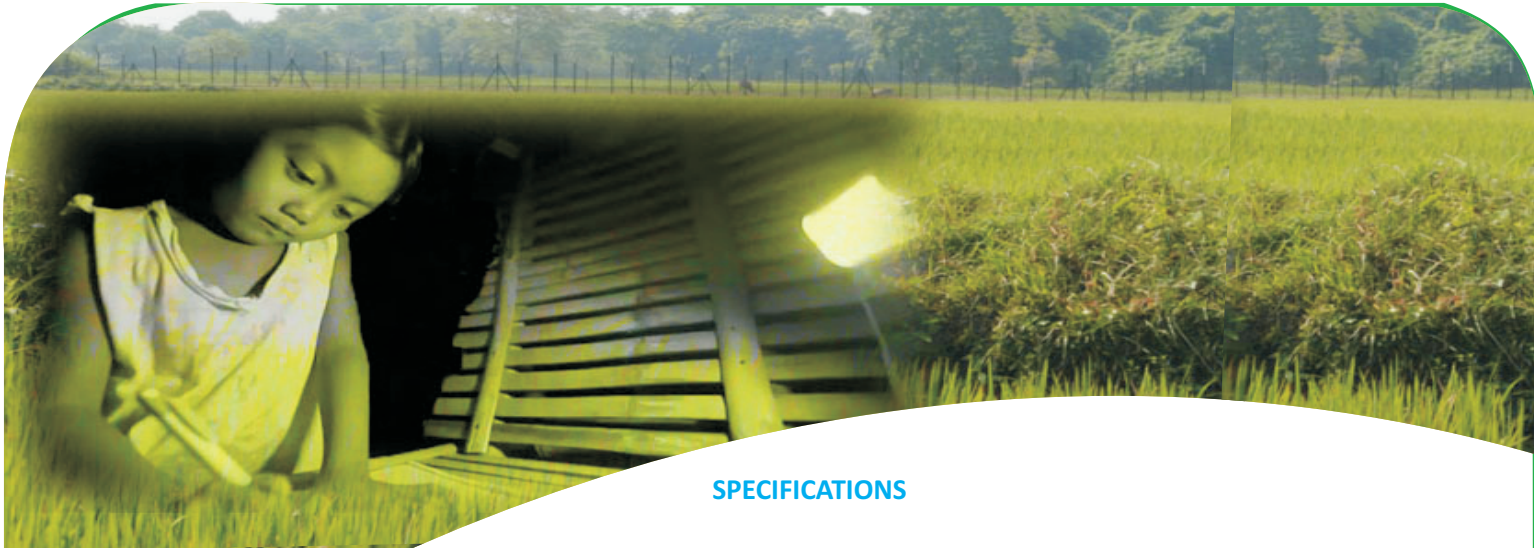


DC HOME LIGHTING SYSTEM HLS20PE



SPECIFICATIONS

Parameter	Value
Panel Voltage	UPTO 18V
Solar Charging Current	10 AMP
Grid Charging Current (Optional)	4 AMP
Charge Controller Technology	PWM
Battery Charging Voltage	14.2V
Battery Low Disconnect	10.5V
Over Charge Cut-off Voltage	14.2V
Fuse Rating	10A
Panel recommended	20-160W
Suitable Battery	SMF / Lead Acid

OTHER SPECIFICATIONS

Operating Temperature	0°C to 55°C
DC Output	4 DC Output For tube and Fan. 2 USB Port total 100W

PRODUCT INTRODUCTION

- The power box which has a External 12v battery and a advanced PWM based solar charge controller battery via solar or even by AC power using the included DC adapter through electricity runs DC load
- 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.

PACKAGE CONTENTS

1. Solar Home Lighting With 3 DC Port and 2 USB for Mobile Charger
2. 20W-330 W Panel (Optional)
3. 12V 7AH to 12V 100AH Battery (Optional)
4. AC Charger (Optional)
5. DC Bulb /Tube 7 W-2 No (Optional)
6. DC Fan (Optional)

INDICATIONS

- Solar Charging
- Mains Charging
- Battery Low
- Fault

PROTECTIONS

- Short Circuit
- Battery Over Charging
- Battery deep charging
- Battery / PV reverse protection

FEATURES

- Fuse provided to protect short circuit condition
- System in-built protection against battery over-charge & deep discharge
- In-built blocking diode provided to prevent reverse flow of current through PV module

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.

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