

**CCTV SOLAR POWER SYSTEM**

**FEATURES**



- Highly Efficient Monocrystalline Photovoltaic panel
- 12Ah chargeable Lithium Ferro Phosphate Battery
- Smart Battery Management
- Battery Over-Temperature Protection
- Battery Short Circuit/Reverse Polarity Protection
- Low-battery Protection



40W Solar Panel



Li-Ferro Phosphate



Do It Yourself



Powder Coated Metal Structure



Smart Battery Management

**Technical Specifications**

**Solar Panel**

Power (Pm) In Watts (nominal)	40 (0 ~+2%)
Open Circuit Voltage (Voc) In Volts	22.75
Short Circuit Current (Isc) In Amps	2.23
Voltage At Maximum Power (Vmp) In Volts	19.48
Current At Maximum Power (Imp) In Amps	2.05
Maximum System Voltage	1000V
Solar Cells Per Module (Units)	36

**Battery**

Battery Type	Lithium ferro phosphate
Capacity	12Ah
Battery Voltage	12.8V
Max. Charging Voltage	14.6V
Battery Low	11.2V
Voltage Output For Load	10.5V-1A
Battery Life	More than 800 cycles
LED Indications	Green LED Blinks – Charging, Green LED Stable – Battery Full, Red in Dual LED Blinks – Battery Low, Red in Dual LED Stable – Nominal voltage, Yellow in Dual LED stable – Battery Full
Operating Temperature	-5°C to 60°C
Dimension	W667 x H570 x L455, [Length x Width x Height]
Weight	9.790Kg