

CCTV SOLAR POWER SUPPLY SYSTEM

400W Solar Power System for Industrial CCTV

Model CS400150



400W industrial solar system with 150Ah LiFePO4 battery and MPPT. IP65 rated for remote CCTV. Ideal for system integrators needing reliable off-grid solutions.

Features

- CCTV Solar Power Supply 400W/150AH 1920WH Solution
- Battery: 150AH12.8V LifePO4 Battery, total: 1920WH
- Big Battery Cabinet Box(500mm*400mm*200mm)
- Solar panel: 400W monocrystalline silicon solar panel
- MPPT Solar Controller, 4*DC12V Output Port
- Other accessories: Battery Mount, Screws, DC Cable, etc

Solar Panel

Model	CS400150
Material	High-efficiency mono-crystalline silicon cell, high-strength aluminum alloy frame
Panel materials	Super white toughened glass
Life	25years
Maximum power (Pm)	200W*2
Photoelectric Conversion Efficiency (%)	≥20.4%
Voltage at Pmax (Vmp)	18V
Current at Pmax (Imp)	10.96A
Open-Circuit Voltage of Solar Panel (V)	22.0V
Open circuit voltage – VOC (V)	21.80A
Short circuit current – ISC (A)	11.62A
Module dimensions (L×W×H)	1290*760*30mm
Module weight (KG)	10.3 Kg
Frame material and dimensions (mm)	Anodized aluminum alloy 1.2mm
Module packaging	Tempered glass/EVA/cell/EVA backsheet

Charger

PV Charging Method	MPPT
System voltage	12V/24V
Max PV Input	180W/12V;360W/24V
MAX PV Input Voltage	65V
MAX PV Charge Current	20A
Maximum PV input current	15A
MPPT tracking efficiency	> 99%

Power Supply System

Power output	12V
DC connector	3.1MM×10MM
Battery capacity	150AH / 1920WH/LiFePo4 Battery
Battery Size	320*170*120mm
Battery life	>3 years
Charging time	5(H)
Controller	Fully intelligent digital controller, with the functions of preventing overcharge, overdischarge, lightning protection, short circuit and reverse connection
Controller life	>10 Years
Waterproof coefficient	IP65
Battery operating temperature range	-40°C-80°C
Net Weight	57KG

Package

Outer packing size	Solar Panel Size : 1490*685*65mm Battery Size: 320*170*120±2mm Cabinet Size: 500*400*200mm Triangle bracket: 682*520*620mm Cross arm: 170*620*720mm Camera Arm: 530*140*140mm
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