CCTV SOLAR POWER SUPPLY SYSTEM

800W Solar Power System for Industrial CCTV

Model CS800300



Reliable 800W solar power solution for CCTV featuring 3840Wh LiFePO4 storage and MPPT control. High-efficiency mono panels designed for system integrators.

Features

- CCTV Solar Power Supply 800W/300AH 3840WH Solution
- Battery: 300AH12.8V LifePO4 Battery, total: 3840WH
- Battery Cabinet Box(IE543, 500.0 X 450.0 X 271.0mm)*2
- Solar panel: 800W monocrystalline silicon solar panel
- MPPT Solar Controller, 4*DC12V Output Port
- Other accessories: Battery Mount, Screws, DC Cable, etc

CS800300

Specification

Solar Panel (4 panels in parallel)

Model	CS800300
Material	High-efficiency mono-crystalline silicon cell, high-strength aluminum alloy frame
Panel materials	Super white toughened glass
Life	25years
Maximum power (Pm)	800W (4 × 200W)
Photoelectric Conversion Efficiency (%)	≥21%
Rated Voltage of Solar Panel (V)	18V
Maximum Operating Voltage of Solar Panel (V)	21.5V(MAX)
Open-Circuit Voltage of Solar Panel (V)	22.0V
Maximum Operating Current of Solar Panel (A)	44.44A
Short-circuit current of the solar panel (A)	49.76A (4 × 12.44A)
Module dimensions (L×W×H)	670mm×1380mm×30mm
Module weight (KG)	6.5 Kg
Frame material and dimensions (mm)	Anodized aluminum alloy 1.2mm
Module packaging	Tempered glass/EVA/cell/EVA backsheet

Power Supply System

Power output	12.8V
DC connector	3.1MM×10MM
Battery capacity	150AH / /LiFePo4 Battery*2
Battery Size	240*175*160mm*2
Battery life	>3 years
Charging time	5(H)
Battery operating temperature range	-40℃-80℃
Net Weight	165KG

Controller

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

Package

Dimensions	Solar Panel Size：1380mm*670mm*30mm*4 Cabinet Size: 500.0 X 450.0 X 271.0mm (IE543) *2



Contact us

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