

## 200W 20AH 960Wh Solar System

Model: CS3002048



The Maxsol CS3002048 Integrates A 200W Solar Panel, A 48V 20Ah Battery, And An IP65 Outdoor Cabinet To Deliver Stable 48V Power For Industrial PoE Switches, Wireless APs, And Other Network Devices. Ideal For Outdoor And Off-Grid Deployments, It Ensures Reliable And Continuous Operation.

- CCTV Solar Power Supply 200W/20AH 960WH Solution
- Solar panel: 800W monocrystalline silicon solar panel
- Battery: 20AH48V LifePO4 Battery, total: 960WH
- MPPT Solar Controller, 2\*DC48V OUT
- Battery Cabinet Box(500mm\*400mm\*200mm)\*1
- Other accessories: Battery Mount, Screws, DC Cable, etc

## Solar Panel

Model	CS3002048
Material	High-efficiency mono-crystalline silicon cell, high-strength aluminum alloy frame
Panel materials	Super white toughened glass
Life	25years
Maximum power (Pm)	150W*2
Photoelectric Conversion Efficiency (%)	≥20.4%
Voltage at Pmax (Vmp)	72V
Current at Pmax (Imp)	90V
Open-Circuit Voltage of Solar Panel (V)	2.8A
Open circuit voltage – VOC (V)	2.7A
Short circuit current – ISC (A)	≥20.4%
Module dimensions (L×W×H)	1120mm*670mm*35mm*2
Module weight (KG)	6.8 Kg
Frame material and dimensions (mm)	Anodized aluminum alloy 1.2mm
Module packaging	Tempered glass/EVA/cell/EVA backsheets

## Charger

PV Charging Method	MPPT
System voltage	48V
MPPT tracking efficiency	>99%

## Power Supply System

Power output	48V
DC connector	DC5.5MM×2.5MM
Battery capacity	20AH / LiFePo4 Battery
Battery Size	370*145*96mm
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

## Package

Outer packing size

Solar Panel Size: 1120mm\*670mm\*35mm\*2

Battery Size: 370\*145\*96mm±2mm

Cabinet Size: 520\*450\*250mm

Triangle bracket: 682\*520\*620mm

Cross arm: 815\*620\*720mm

Camera Arm: 530\*140\*140mm



## Maxsol Technologies Limited

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