

SAFIRE FRITTSTÅENDE SOLCELLEPANELKIT 200W 1280WH

• Type: Solcellepanel

Utgangsspenning (volt): 18vUtgangsstrøm (ampere): 10A



Stand-alone power supply system for CCTV - Solar panel of 200W - Lithium LiFePo Battery 1280Wh (100Ah) - Integrated MPPT regulator - Support for mast anchorage - RS-485 for communication

- Stand-alone power supply system for CCTV
- Solar panel up to 200W
- 1280wh LiFePo battery with 2000 charge and discharge cycles
- Integrated MPPT regulator
- Maximum supported load 80W
- Communication RS485 for third-party integration
- Mast support included
- Degree of protection IP67

Technical system information

Solar panel module 200W

Battery Lithium LiFePo 1280wh

Solar input voltage 18V

Load voltage 10~14.6V

Maximum input power Up to 450W in total

Maximum current load8AMaximum load supported80W

Regulator Integrated MPPT

Communication RS485 (For integration with third parties).

Provides all system information such as

load level, system status or power

consumption

Output Voltage 12V Integrated DC Regulator (with standard

jack connector compatible with CCTV

cameras)

Bracket Support for mast or vertical infrastructure

mounting

Mast diameter100 - 200 mmDimensions345x120x140 mmWeight40 Kg (with battery)

Solar Panel

Power 200 W

Cells 166 monocrystalline

Optimum Voltage 18V
Optimum operating current 11.1A
Short-circuit voltage 3.66V
Open circuit voltage 21.24V
Glass thickness 3.2mm
Power tolerance (W) ±3%

Maximum load capacity60 m/s (5Kg/sg.m)Maximum hail load23m/s, 7.53g

Efficiency 21.6%

Temperature Range -20°C ~ 85°C

Module dimensions 1560 (W) x 30 (H) x 670 (D) mm

Degree of protection IP67

Battery

Material LiFePo

Capacity 100Ah (1280Wh)

Nominal voltage 12.8V

Operating temperature Charge: 0 °C to 65 °C (32 °F to 140 °F)

Discharge: -30 °C to 65 °C (-22 °F to 140

°F)

Cycles >2000
Degree of protection IP67