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SAFIRE FRITTSTÅENDE SOLCELLEPANELKIT 80W 256WH FOR CCTV



- **Type:** Solcellepanel
- **Utgangsspenning (volt):** 18v
- **Utgangsstrøm (ampere):** 10A
- **Nominell kapasitet (AH/WHA/MAH):** 256wh
- **DIN:** Nei
- **DC:** Ja
- **AC:** Ja

Stand-alone power supply system for CCTV - Solar panel of 80W - Lithium LiFePo Battery 256Wh (20Ah) - Integrated MPPT regulator : AC&DC converter - Support for mast anchorage - RS-485 for communication | Streetlight connection

- Stand-alone power supply system for CCTV
- Connection with streetlight
- Solar panel up to 80W
- 256wh LiFePo battery with 2000 charge and discharge cycles
- Integrated MPPT regulator
- AC&DC Converter
- Maximum supported load 40W
- Output voltage 12V DC
- Communication RS485 for third-party integration
- Mast support included
- Degree of protection IP67

Technical system information

Solar panel module	80W
Battery	Lithium LiFePo 256wh
Solar input voltage	18V
Load voltage	10~14.6V

Maximum current load	10A
Maximum load supported	40W
Regulator	Integrated MPPT
Converter	AC & DC
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 Connection with streetlight
Solar Panel	
Power	80 W
Cells	156 monocrystalline
Optimum Voltage	18V
Optimum operating current	3.33A
Short-circuit voltage	3.66V
Open circuit voltage	21.24V
Glass thickness	3.2mm
Power tolerance (W)	±3%
Maximum load capacity	60 m/s (5Kg/sg.m)
Maximum hail load	23m/s, 7.53g
Efficiency	21.6%
Temperature Range	-20°C ~ 85°C
Module dimensions	680 (W) x 30 (H) x 510 (D) mm
Weight	13 Kg (with battery)
Degree of protection	IP67
Battery	
Material	LiFePo
Capacity	20Ah (256Wh)
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
Battery size	120 (W) x 75 (H) x 104 (D) mm
Degree of protection	IP67