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## SAFIRE FRITTSTÅENDE SOLCELLEPANELKIT 200W 1280WH

- **Type:** Solcellepanel
- **Utgangsspenning (volt):** 18v
- **Utgangsstrøm (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

<b>Solar panel module</b>	200W
<b>Battery</b>	Lithium LiFePo 1280wh
<b>Solar input voltage</b>	18V
<b>Load voltage</b>	10~14.6V
<b>Maximum input power</b>	Up to 450W in total
<b>Maximum current load</b>	8A
<b>Maximum load supported</b>	80W
<b>Regulator</b>	Integrated MPPT

<b>Communication</b>	RS485 (For integration with third parties). Provides all system information such as load level, system status or power consumption
<b>Output Voltage</b>	12V Integrated DC Regulator (with standard jack connector compatible with CCTV cameras)
<b>Bracket</b>	Support for mast or vertical infrastructure mounting
<b>Mast diameter</b>	100 - 200 mm
<b>Dimensions</b>	345x120x140 mm
<b>Weight</b>	40 Kg (with battery)
<b>Solar Panel</b>	
<b>Power</b>	200 W
<b>Cells</b>	166 monocrystalline
<b>Optimum Voltage</b>	18V
<b>Optimum operating current</b>	11.1A
<b>Short-circuit voltage</b>	3.66V
<b>Open circuit voltage</b>	21.24V
<b>Glass thickness</b>	3.2mm
<b>Power tolerance (W)</b>	±3%
<b>Maximum load capacity</b>	60 m/s (5Kg/sg.m)
<b>Maximum hail load</b>	23m/s, 7.53g
<b>Efficiency</b>	21.6%
<b>Temperature Range</b>	-20°C ~ 85°C
<b>Module dimensions</b>	1560 (W) x 30 (H) x 670 (D) mm
<b>Degree of protection</b>	IP67
<b>Battery</b>	
<b>Material</b>	LiFePo
<b>Capacity</b>	100Ah (1280Wh)
<b>Nominal voltage</b>	12.8V
<b>Operating temperature</b>	Charge: 0 °C to 65 °C (32 °F to 140 °F) Discharge: -30 °C to 65 °C (-22 °F to 140 °F)
<b>Cycles</b>	>2000
<b>Degree of protection</b>	IP67