



DataSheet

Solar Panel (Photovoltaic Panel)

- Power: 60 W
 - Voltage: 18 V
 - Dimensions (L × W × H): 690 × 516 × 30 mm (27.2 × 20.3 × 1.2 in.)
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Battery

- Type: Lithium
- Smart Auxiliary Heating: Yes
- Battery Capacity: 31.2 Ah
- Voltage: 10.8 V
- Max. Output Voltage: 12.6 V
- Lifespan: More than 500 cycles
- Dimensions: 242 × 70 × 65 mm (9.5 × 2.8 × 2.6 in.)

Charging Conditions

- 0°C ~ 45°C
- -30°C ~ 45°C (with smart auxiliary heating)

Discharging Conditions

- -20°C ~ 60°C
 - -30°C ~ 60°C (with smart auxiliary heating)
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Angle Adjustment (Manual)

- **Range: 5° / 15° / 25° / 35° / 45° / 55°**
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Hardware

- **Interface:**
 - 1× 10/100 Mbps RJ45 port
 - 1× Photovoltaic panel connector
 - 3× DC power plugs (5.5 mm)
(No. 1 & 2: 9–12.6 V DC / 2 A, No. 3: 12 V DC / 2 A)
 - **LED Indicators:**
 - Quantity: 4 (1× SYS, 1× LAN, 1× PV, 1× BAT)
 - Color: Blue
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Software Features

- **Charge control: Yes**
- **Over/under temperature protection: Yes**
- **Over-discharge protection: Yes**
- **Power consumption statistics: Yes**
- **Real-time charging status display: Yes**
- **Battery level display: Yes**
- **Time zone selection: Yes**
- **Region selection: Yes**
- **Scheduled saving: Yes**
- **Remote firmware upgrade: Yes**
- **Remote reboot: Yes**

- **Local LAN management: Yes**
 - **Smart auxiliary heating control: -30°C ~ 5°C**
 - **Smart charge control: -30°C ~ 5°C**
 - **Account management: Yes**
 - **Remote reset: Yes**
 - **Remote message sending: Yes**
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Other

- **Certification:**
 - **CB, PSE (Battery)**
 - **CE, FCC, VCCI, IC, IP66**
- **Package Contents:**
 - **VIGI SP6030**
 - **Quick Start Guide**
 - **Waterproof cable accessories**
 - **Mounting accessories**
- **Box Dimensions (W × D × H): 800 × 615 × 225 mm (31.5 × 24.2 × 8.9 in.)**
- **Weight:**
 - **Product: 14 kg**
 - **Package: 15.5 kg**
- **Environment:**
 - **Operating temperature: -30°C ~ 60°C (with smart auxiliary heating)**
 - **Operating humidity: 10% ~ 90% RH, non-condensing**