DataSheet

Solar Panel (Photovoltaic Panel)

- **Power: 60 W**
- **Voltage: 18 V**
- **Dimensions (L x W x H): 690 × 516 × 30 mm (27.2 × 20.3 × 1.2 inches)**

Battery

- **Type: Lithium**
- **Smart Auxiliary Heating: Yes**
- **Battery Capacity: 20.8 Ah**
- **Voltage: 10.8 V**
- **Max. Output Voltage: 12.6 V**
- **Life: More than 500 cycles**
- **Dimension: 242 × 70 × 55 mm (9.5 × 2.8 × 2.2 inches)**
- **Charging Conditions:**
    - **0°C~45°C**
    - **-30°C~45°C (With smart auxiliary heating)**
- **Discharge Conditions:**
    - **-20°C~60°C**
    - **-30°C~60°C (With smart auxiliary heating)**

Angle Adjustment (Manual)

- **Range: 5°/15°/25°/35°/45°/55°**

Hardware

- **Interfaces:**
    - **1× 10/100 Mbps RJ45**
    - **1× Photovoltaic Panel Connector**
    - **3× 5.5 mm DC Power Jacks (No. 1, No. 2: 9 V-12.6 V DC/2 A, No. 3: 12 V DC/2 A)**
- **LED Indicator:**
    - **Quantity: 4 (1× SYS Indicator, 1× LAN Indicator, 1× PV Indicator, 1× BAT Indicator)**
    - **Color: Blue**

Software Features

- **Charge Control: Yes**
- **High and Low 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**
- **Scheduling Power Saving: Yes**
- **Remote Firmware Upgrade: Yes**
- **Remote Reboot: Yes**
- **Local LAN Management: Yes**
- **Smart Auxiliary Heating Control: -30°C~5°C**
- **Smart Charging Control: -30°C~5°C**
- **Account Management: Yes**
- **Remote Reset: Yes**
- **Remote Message Sending: Yes**

Other

- **Certification: CB, PSE (Battery), CE, FCC, VCCI, IC, IP66**
- **Package Contents:**
  - **VIGI SP6020**
  - **Quick Start Guide**
  - **Waterproof Cable Accessories**
  - **Mounting Accessories**
- **Box Dimensions (W x D x H): 800 × 615 × 225 mm (31.5 × 24.2 × 8.9 inches)**
- **Weight:**
  - **Product Weight: 13 kg (28.66 lbs)**
  - **Package Weight: 14.5 kg (31.97 lbs)**
- **Environment:**
  - **Operating Temperature: -30°C – 60°C (With smart auxiliary heating)**
  - **Operating Humidity: 10%~90%RH, non-condensing**