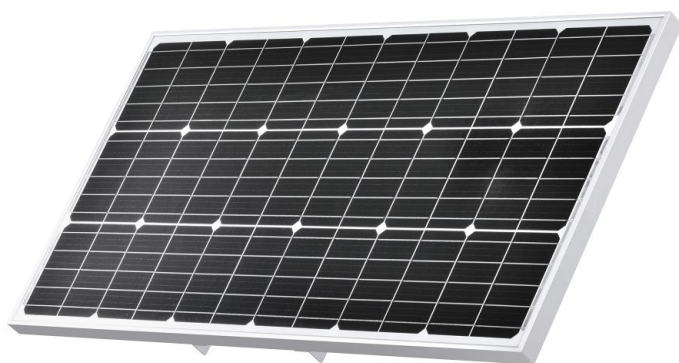# tp-link | VIGI

VIGI Solar Panel

MODEL: VIGI Solar Panel 90W/VIGI Solar Panel 60W

Features

- Industrial-Grade, Grade-A Monocrystalline Silicon Solar Panel With 60W/90W Capability, and 25+ Years Lifespan
- Conversion Efficiency Increased by 21.6%*
- 5°/15°/25°/35°/45°/55° Adjustable Angles
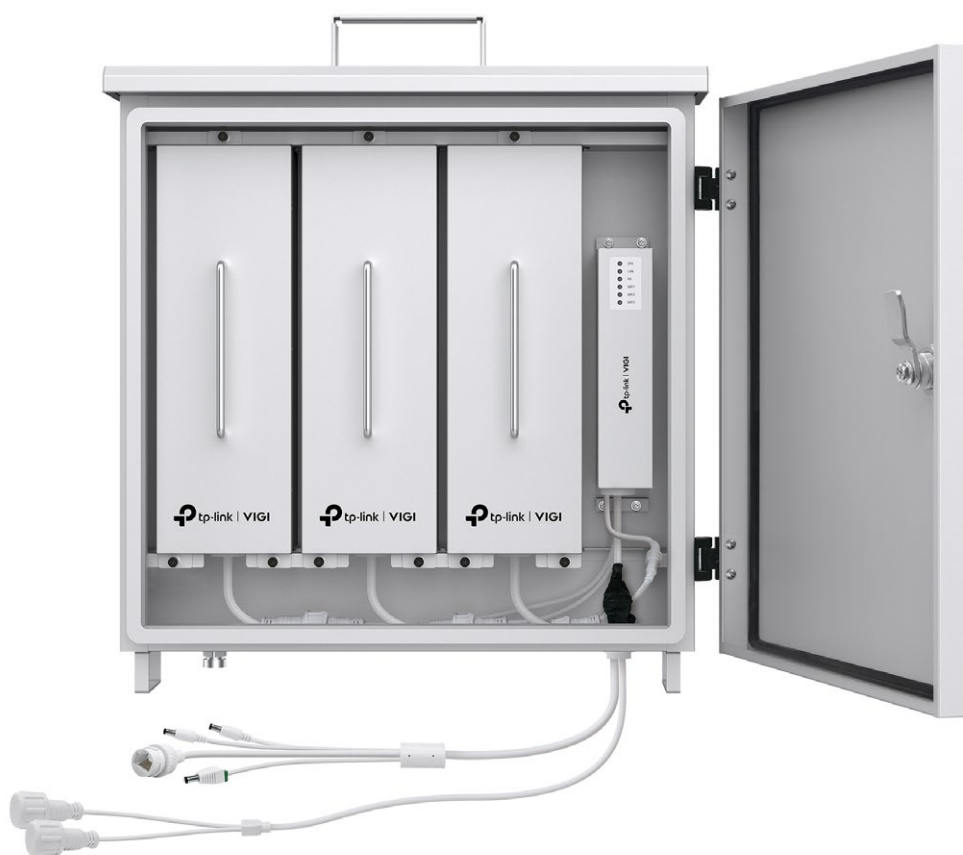- IP67 Weatherproof with Simple Installation

Specifications

Solar Panel (Photovoltaic Panel)	
Power	VIGI Solar Panel 90W: 90W VIGI Solar Panel 60W: 60W
Voltage	18 V
Dimensions (L x W x H)	VIGI Solar Panel 90W: 998×516×30 mm (39.3×20.3×1.2 in) VIGI Solar Panel 60W: 690×516×30 mm (27.2×20.3×1.2 in)

Angle Adjustment (Manual)	
Range	5°/15°/25°/35°/45°/55°

Others	
Certification	CE, IP67 Weatherproof
Package Contents	• VIGI Solar Panel • Quick Start Guide
Box Dimensions (W X D X H)	VIGI Solar Panel 90W: 1120×600×135 mm (44.09×23.60×5.31 in) VIGI Solar Panel 60W: 800×600×135 mm (31.50×23.62×5.31 in)
Weight	VIGI Solar Panel 90W: Product Weight: 5.6 kg; Package Weight: 8.9 kg VIGI Solar Panel 60W: Product Weight: 4.0 kg; Package Weight: 6.7 kg
Environment	• Operating Temperature: -30°C-60°C (With intelligent auxiliary heating) • Operating Humidity: 10%~90%RH, Non-condensing

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Solar System Controller

MODEL: VIGI PS90

Specifications

Battery	
Type	Lithium
Intelligent Auxiliary Heat	Yes
Battery Capacity	31.2 Ah*3
Voltage	10.95 V
Max. Output Voltage	12.6 V
Life	More than 500 cycles
Dimension	240*74*72mm
Charging Condition	• 0°C~45°C • -30°C~45°C (With intelligent auxiliary heating)
Discharging Condition	• -20°C~60°C • -30°C~60°C (With intelligent auxiliary heating)

Angle Adjustment (Manual)	
Range	5°/15°/25°/35°/45°/55°

Hardware	
Interface	• 1× 10/100 Mbps RJ45 • 2× Photovoltaic Panel Connector • 3× 5.5mm DC Power Plugs (#1, #2: 9V-12.6 VDC/2A, #3: 12 VDC/2A)
Indicator LED	• Quantity: 6 (1× SYS Indicator, 1× LAN Indicator, 1× PV Indicator, 3× BAT Indicator) • Color: Blue

Software Features	
Load Control	Yes
High and Low Temperature Protection	Yes
Overdischarge Protection	Yes
Power Consumption Statistics	Yes
Displays Real-time Load Status	Yes
Battery Level Display	Yes

Time Zone Selection	Yes
Schedule Saving	Yes
Firmware Remote Update	Yes
Remote Reboot	Yes
Local LAN Management	Yes
Smart Charging Control	-30℃~5℃
Account Management	Yes
Remote Reset	Yes
Remote Message Push	Yes
Others	
Certification	• CB, PSE (Battery) • CE, FCC, VCCI, IC, IP66
Package Contents	• VIGI PS90 • Installation Guide • Waterproof Cable Attachments • Mounting Accessories • Extension Cable • Box Key
Box Dimensions (W X D X H)	481*426*163mm
Weight	• Product Weight: 16.5 kg • Package Weight: 24 kg
Environment	• Operating Temperature: -30℃-60℃ (With intelligent auxiliary heating) • Operating Humidity: 10%~90%RH, Non-condensing

180W Solar Mount

MODEL: VIGI 180W Solar Mount

Features

- SGCC Galvanized Steel
- Highly Stable and Compatible Special Pole Clamp*
- The Integrated Bracket is CO2 Welded
- 8.8 Grade High-strength Screws**
- Anti-loosing Spring Pads
- Reinofrced Angle-adjustable Bracket

Specifications

Angle Adjustment (Manual)	Range: 5°~55°
Product Dimensions (W × D × H)	35.4 × 22.8 × 8.2 in (900 × 580 × 208 mm)
Weight	• Product Weight: 20 kg • Package Weight: 24 kg
Box Dimensions (W X D X H)	38.4×24.60×7.7 in (975×625×195 mm)
Package Contents	• VIGI 180W Solar Mount • Quick Start Guide • Mounting Accessories
Environment	• Operating Temperature: -30°C-60°C • Operating Humidity: 5%~90%RH, Non-condensing

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