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# **EnergyPal**

## **Solar Panel Guide Specification Data Sheet**

**Solartif Sdn Bhd**

**Poly 20**

**STF-020P6**

Also available on the web at  
[EnergyPal.com/solartif-sdn-bhd-solar-panels/stf-020p6](http://EnergyPal.com/solartif-sdn-bhd-solar-panels/stf-020p6)

# 20W Poly-crystalline PV Module



Mechanical Parameters	
Cell Type & No.	Poly-Crystalline (36pcs)
Frame	Aluminum Alloy
Junction Box Rated	IP65
Dimension (mm)	535 x 350 x 25
Weight (kg)	3.3

Electrical Characteristics	
Model	STF - 020P6
Rated Power (Pmax)	20W ± 5%
Open-circuit voltage (Voc)	21.6 V
Short-circuit current (Isc)	1.26 A
Voltage at Pmax (Vmp)	17.3 V
Current at Pmax (Imp)	1.16 A
Maximum system voltage	1000 V
Operating temperature	25°C

\*\*All the data of this sheet are subjected to change without notice.

## PRODUCT FEATURES

- PV modules made with unique back connected poly-crystalline cells with high conversion efficiency up to 17%
- Design to charge 12-48V batteries for off-grid system
- White tempered glass, EVA resin and a weather proof TPT backsheet plus aluminum frame for extended outdoor use
- Certification: IEC 61215 / IEC 61730

# 30W Poly-crystalline PV Module



Mechanical Parameters	
Cell Type & No.	Poly-Crystalline (36pcs)
Frame	Aluminum Alloy
Junction Box Rated	IP65
Dimension (mm)	540 x 665 x 25
Weight (kg)	3.3

Electrical Characteristics	
Model	STF - 030P6
Rated Power (Pmax)	30W ± 5%
Open-circuit voltage (Voc)	21.8V
Short-circuit current (Isc)	1.88 A
Voltage at Pmax (Vmp)	17.5 V
Current at Pmax (Imp)	1.68A
Maximum system voltage	1000 V
Operating temperature	25°C

\*\*All the data of this sheet are subjected to change without notice.

## PRODUCT FEATURES

- PV modules made with unique back connected poly-crystalline cells with high conversion efficiency up to 17%
- Design to charge 12-48V batteries for off-grid system
- White tempered glass, EVA resin and a weather proof TPT backsheet plus aluminum frame for extended outdoor use
- Certification: IEC 61215 / IEC 61730