

SunTech Power

STP 175/170/165/160S-24/Ab-1

Performance

- High power tolerance (+/- 3 %)
- 72 cell monocrystalline
- Nominal 24 V

Built for long service life

- Cells embedded in EVA (ethylene vinyl acetate)
- Transmissive low-iron, tempered glass on the front
- Weather and waterproof film back
- High strength frame

Simple installation

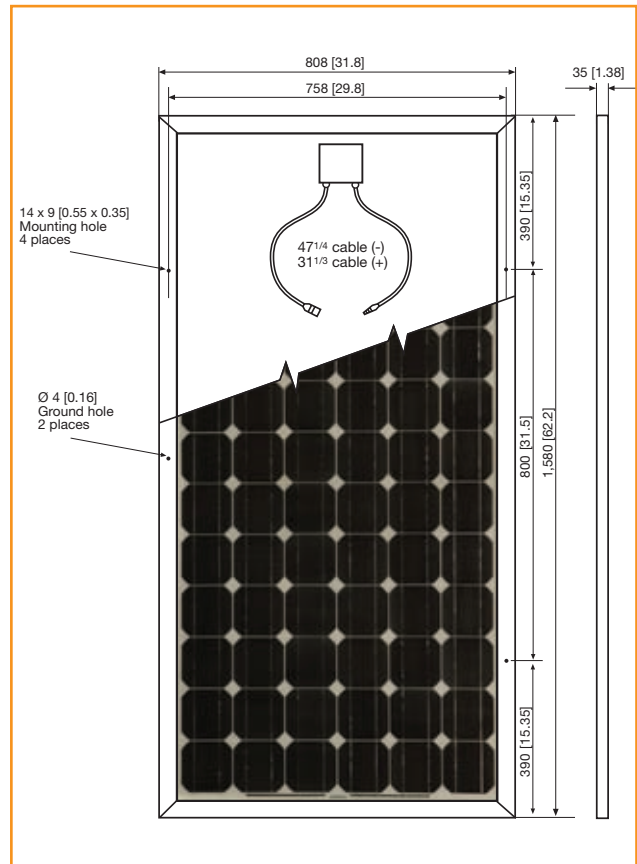
- Polarized Multi-Contact DC-rated waterproof connectors
- Clear anodized aluminum frame with pre-drilled holes

High quality standards

- Optical, mechanical and electrical module testing during and post-production
- Automated production line ensures consistently high level of product quality

Warranties and certifications

- 2 year product warranty
- 12 year warranty on 90 % of the minimum output
- 25 year warranty on 80 % of the minimum output
- UL 1703



	STP 175S-24/Ab-1	STP 170S-24/Ab-1	STP 165S-24/Ab-1	STP 160S-24/Ab-1
Maximum output (Pmax)	175 W	170 W	165 W	160 W
Tolerance of the power (+/-)	3 %	3 %	3 %	3 %
Maximum power voltage (Vmp)	35.2 V	35.2 V	34.8 V	34.4 V
Maximum power current (Imp)	4.95 A	4.83 A	4.74 A	4.65 A
Open-circuit voltage (Voc)	44.2 V	43.8 V	43.6 V	43.2 V
Short-circuit current (Isc)	5.20 A	5.14 A	5.04 A	5.00 A
Temperature coefficient (Pmax)	-0.5 %/°C	-0.5 %/°C	-0.5 %/°C	-0.5 %/°C
Temperature coefficient (Voc)	-0.155 V/°C	-0.155 V/°C	-0.155 V/°C	-0.155 V/°C
Temperature coefficient (Isc)	3 mA/°C	3 mA/°C	3 mA/°C	3 mA/°C
Maximum series fuse rating	8 A	8 A	8 A	8 A
Maximum system voltage	600 V	600 V	600 V	600 V

Applies to all modules:

Module dimensions (L x W x H)	62.2 x 31.8 x 1.38 inch (1,580 x 808 x 35 mm)
Weight	34.2 lbs/15.5 kg

Available from: