

STP - 24/Vd - Series

The Suntech photovoltaic modules for grid-connected and grid-remote systems provide high performance for large-scale and domestic systems. The high set manufacturing standards and the latest Suntech PV technology are employed in manufacturing the modules. Suntech produces certified, polycrystalline, high performance modules. Suntech is the world's leading manufacturer of crystalline silicon photovoltaic modules. It's reputation is founded on more than 1.5 gigawatts of high performing solar modules installed around the world.

Highlights

- High module conversion efficiency (up to 14,4%) through superior manufacturing technology
- Guaranteed 0-5W positive output tolerance ensures high reliability (modules 275 and 280)
- Excellent performance under low loght environments
- Entire module certified to withstand high wind loads (2400 Pascal) and snow loads (5400 Pascal)
- 4.00 mm thick tempered glass improves module durability



	STP 260-24/Vd	STP 270-24/Vd	STP 275-24/Vd	STP 280-24/Vd
Rated output at Pmax (W)	260 (+/-3%)	270 (+/- 3%)	275 (+2%)	280 (+2%)
MPP voltage (V)	34,8	35	35,1	32,2
MPP current (A)	7,47	7,71	7,84	7,95
Open-circuit voltage (V)	44	44,5	44,7	40,8
Short-circuit current (A)	8,09	8,2	8,26	6,74
Max. system voltage (V)	1000	1000	1000	1000
Temp. coeff. VOC (V /°C)	-0,15	-0,15	-0,15	-0,15
Temp. coeff ISC (mA /°C)	3,64	3,69	3,72	3,75
Dimensions, L x W x D (mm)	1956 x 992 x 50	1956 x 992 x 50	1956 x 992 x 50	1956 x 992 x 50
Weight (kg)	27	27	27	27
Manufacturer's performance warranty* (years)	25	25	25	25
Manufacturer's product warranty (years)	5	5	5	5
Certificates	IEC61215, IEC61730, CE-conformity, UL1703	IEC61215, IEC61730, CE-conformity, UL1703	IEC61215, IEC61730, CE-conformity, UL1703	IEC61215, IEC61730, CE-conformity, UL1703
*	*12 years on 90%, 25 years on 80% of the specified output -			