

620W



► Excellent technical advantages and system design scheme to achieve high reliability, power generation effective gain and EPC cost reduction. Products can match different installation conditions, taking into account high adaptability and high compatibility. With mature support and inverter scheme, customized design for industrial and commercial and centralized ground power stations.

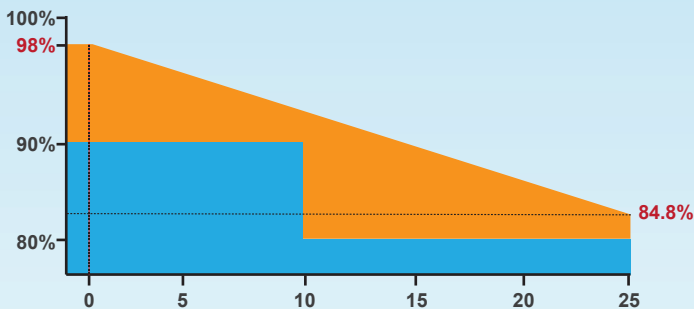
SPTM-DT-620

MODULE CHARACTER

- PID Resistance
- Salt mist resistance/Ammonia resistance /dust and hail resistance
- Production process reliability test
- 0~+5W Positive Tolerance
- Mono 16 BB half cut
- Reduce BOS cost increase ROI
- Non-destructive cutting

CERTIFICATION

- IEC61215/IEC61730
- ISO9001:Quality Management System
- ISO14001:Environmental Management System
- ISO45001:Occupational Health and Safety Management System



Linear performance warranty Product warranty



SUNPACT SOLAR ENERGY (SMC-PRIVATE) LIMITED

WAREHOUSE ADDRESS: HOUSE # 300 BLOCK G3 JOHAR TOWN LAHORE

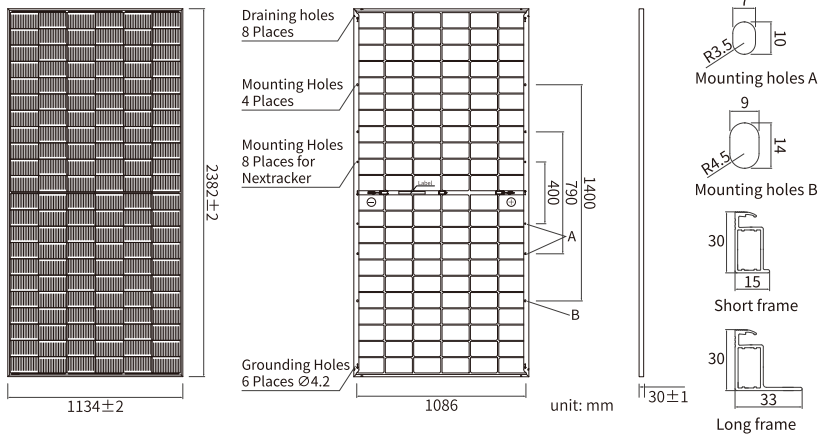
TEL: 00923108888560 E-MAIL: sunpactltd@gmail.com

ANHUI RED STAR SOLAR CO.,LTD

MANUFACTORY ADDRESS.: BUILDING 7, ELECTRONIC INFORMATION INDUSTRIAL PARK PHASE I,
BENGBU TONGLING MODERN INDUSTRIAL PARK, XINMAQIAO TOWN, GUZHEN COUNTY, BENGBU CITY, ANHUI PROVINCE



SPTM-DT-620



MECHANICAL PARAMETERS

Cell	Mono
Weight	33.1kg
Dimensions	2382 ± 2mm × 1134 ± 2mm × 30 ± 1mm
Cable Cross Section Size	4mm ² (IEC), 12 AWG(UL)
No. of cells	132(6 × 22)
Junction Box	IP68, 3diodes
Connector	QC 4.10-351/ MC4-EVO2A
Cable Length	Porteait: 900mm(+)/1000mm(-)
Front Glass/Back Glass	2.0mm/2.0mm
Packaging Configuration	36pcs/Pallet, 720pcs/40HQ Container

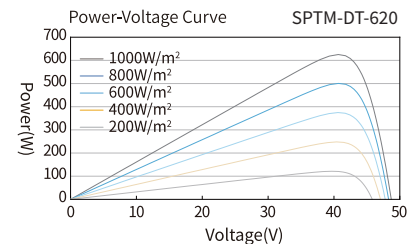
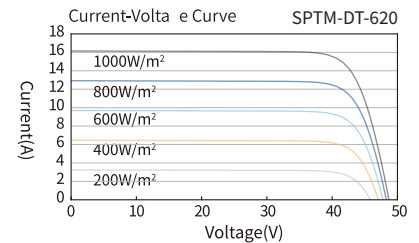
Remark: customized frame color and cable length available upon request

ELECTRICAL PARAMETERS AT STC

TYPE	SPTM-DT-620
Rated Maximum Power(Pmax) [W]	620
Open Circuit Voltage (Voc) [V]	48.50
Maximum Power Voltage(Vmp) [V]	40.21
Short Circuit Current(Isc) [A]	16.13
Maximum Power Current(Imp) [A]	15.42
Module Efficiency [%]	23.0
Power Tolerance	0~+5%
Temperature Coefficient of Isc(α _{Isc})	+0.045%/°C
Temperature Coefficient of Voc (β _{Voc})	-0.250%/°C
Temperature Coefficient of Pmax(γ _{Pmp})	-0.290%/°C
STC	Irradiance 1000W/m ² , cell temperature 25°C, AM1.5G

Remark: Electrical data in this catalog do not refer to a single module and they are not part of the offer. They only serve for comparison among different module types.

CHARACTERISTICS



ELECTRICAL CHARACTERISTICS WITH 10% SOLAR IRRADIATION RATIO

TYPE	SPTM-DT-620
Rated Max Power(Pmax) [W]	670
Open Circuit Voltage(Voc) [V]	48.50
Max Power Voltage(Vmp) [V]	40.21
Short Circuit Current(Isc) [A]	17.42
Max Power Current(Imp) [A]	16.65
Irradiation Ratio (rear/front)	10%

OPERATING CONDITIONS

Maximum System Voltage	1500V DC
Operating Temperature	-40°C~+85°C
Maximum Series Fuse Rating	30A
Maximum Static Load, Front*	5400Pa(112 lb/ft ²)
Maximum Static Load, Back*	2400Pa(50 lb/ft ²)
NOCT	45 ± 2°C
Bifaciality**	80% ± 10%
Safety Class	Class II
Fire Performance	UL Type 29/Class C