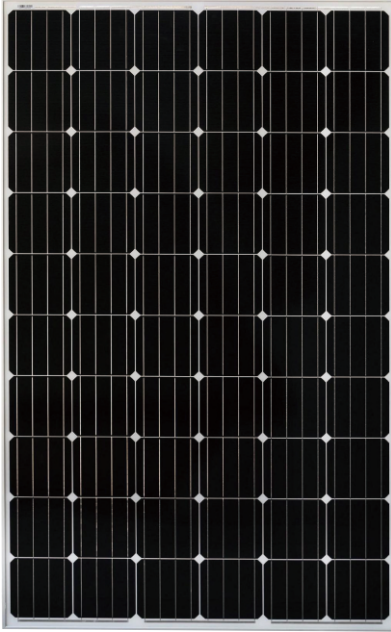


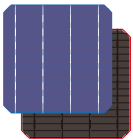
A4 Series
60×6" / 270-285W

MONOCRYSTALLINE MODULE



Wattages:
270 / 275
280 / 285

The Solar cells have better electrical parameters



- Solar cells have been used in the module with better performance in terms of parameters.

Visible Quality



- Durable, high-quality, smooth aluminum alloy frames.
- Rigid construction 2400 Pa & 5400 Pa rated assembly.
- Specially designed drainage holes prevent the frame from deforming or breaking due to freezing weather and other forces.

Superior Manufacturing-Quality Assurance



- Advanced cell sorting to avoid electric mismatch.
- Triple 100% EL Test-before & after lamination & prior to shipment.
- Comprehensive Safety and Reliability tests are performed.

Power Output



- Our IP67 rated junction box improves module performance and stability.
- High-performance connectors provide low resistance, interconnection to ensure the full utilization of module output power.



Technology

High module conversion efficiency through superior manufacturing technology.



Durability

Module can bear snow loads (5400 Pa) and wind loads (2400Pa).



Power-Positive Tolerance

Guaranteed power output (0/+3%)



Performance

High performance under low conditions (Cloudy days, mornings and dusks).



Quality

Manufactured according to international Quality System (ISO9001).

DASOL

Anji DASOL Solar Energy S&T Co.,Ltd.
The Health Industrial Park, Anji, Zhejiang 313300, China
www.dasol.cn

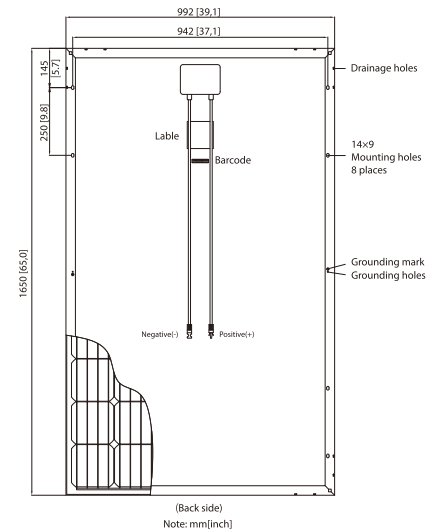
Electrical Specifications

*STC(Standard Test Condition): Irradiance 1000W/m², module temperature 25°C, AM1.5

Module Type	Pm(W)	Tolerance	I _{mp} (A)	V _{mp} (V)	I _{sc} (A)	V _{oc} (V)	Module Efficiency
DS-A4-270	270	0/+3%	8.89	30.4	9.23	38.4	16.50%
DS-A4-275	275	0/+3%	8.96	30.7	9.28	38.5	16.80%
DS-A4-280	280	0/+3%	9.04	31.0	9.33	38.6	17.11%
DS-A4-285	285	0/+3%	9.14	31.2	9.40	38.7	17.41%

Mechanical Data

Solar Cell Type	Monocrystalline 156.75×156.75mm
Solar Cell Arrangement	60 (6×10)
Module Structure	Glass / EVA / Backsheet (white)
Front Glass Thickness	3.2 mm
Application class	Class A at IEC61730
Junction Box Rating	IP67
Cables	1000 mm / 4mm ²
Connector Type	MC4 compatible
Fire Rating Class	Class C



Maximum Ratings

Operating Temperature	-40°C to +85°C
Max. Load Capacity	Snow 5400 Pa / Wind 2400 Pa
Maximum System Voltage	1500VDC (UL) / 1500VDC (IEC)
Maximum Series Fuse Rating	15A
Number of Diodes / Busbars	3 / 4
Maximum Cell Efficiency	6" Mono / 20.0%

Packaging

*Frame thickness (35mm / 40mm) available upon request

Module Dimensions	1650×992×35mm	1650×992×40mm
Weight	18.5 kg	18.7 kg
Pallet Dimensions	1690×1130×1220 mm	1690×1130×1230 mm
Container	40' HQ	40' HQ
Pieces per Pallet	30	28
Pallets per Container	28	28
Pieces per Container	840	784
Gross Weight per Pallet	599 kg	570 kg
Gross Weight per Container	16,772 kg	15,960 kg

Temperature Characteristics

Nominal Operating Cell Temperature (NOCT)	45±2°C
Temperature Coefficient of I _{sc}	+0.0425%/°C
Temperature Coefficient of V _{oc}	-0.3682%/°C
Temperature Coefficient of P _{max}	-0.41%/°C

