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Solar Panel Guide Specification Data Sheet

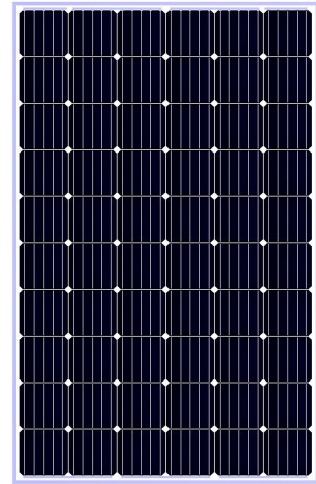
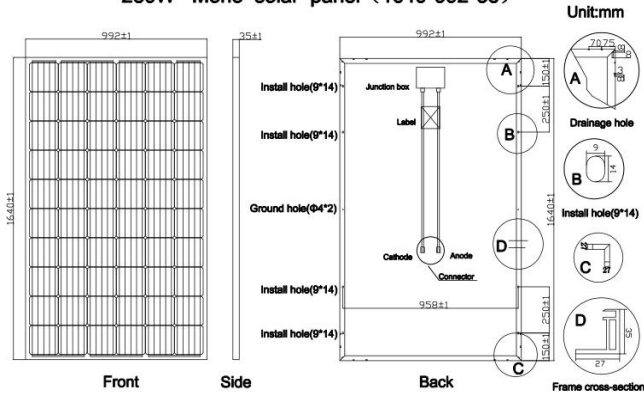
Ningbo Osda Solar Co., Ltd.

ODA280-30-M

ODA280-30-M

Also available on the web at
EnergyPal.com/ningbo-osda-solar-co-ltd-solar-panels/oda280-30-m

280W Mono solar panel (1640*992*35)



Specifications

* STC: irradiance 1000 W/m², AM 1.5, G and cell temperature of 25°C

Peak Power(Pmax)	280.00
Maximum Power Voltage(Vmp)	32.04
Maximum Power Current(Imp)	8.74
Open Circuit Voltage(Voc)	39.25
Short Circuit Current(Isc)	9.57
Cells Efficiency(%)	19.10
Module Efficiency(%)	17.21

* NOCT: irradiance 800 W/m², AM 1.5G, ambient temperature 20°C, wind speed 1 m/s

Peak Power(Pmax)	208.00
Maximum Power Voltage(Vmp)	29.96
Maximum Power Current(Imp)	6.95
Open Circuit Voltage(Voc)	36.70
Short Circuit Current(Isc)	7.61

Maximum System Voltage(V)	1000/1500
Maximum Series Fuse Rating(A)	20
Power Tolerance	0 ~ +3 %
Pmax Temperature Coefficients(W/°C)	-0.400 %
Voc Temperature Coefficients(V/°C)	-0.290 %
Isc Temperature Coefficients(A/°C)	+0.048 %
NOCT Nominal Operating Cell Temperature(°C)	47 ± 2
Operating and Storage Temperature(°C)	-40 ~ +85

Mechanical characteristics

Cell Type	156.75x156.75 Mono
No. of Cells	60(6x10)
Dimensions	1640x992x35
Weight	18.4kg
Front Glass	3.2mm high transmission, low iron, tempered glass
Frame	Anodized Aluminium Alloy
Junction box	IP65/IP67
Output cables	4mm ² cable 90cm+mc4
MaxWind Load/Snow	2400Pa/5400Pa

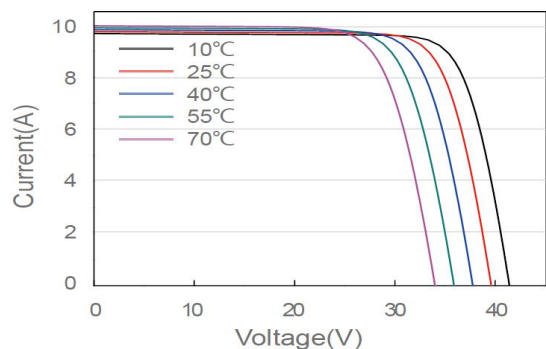
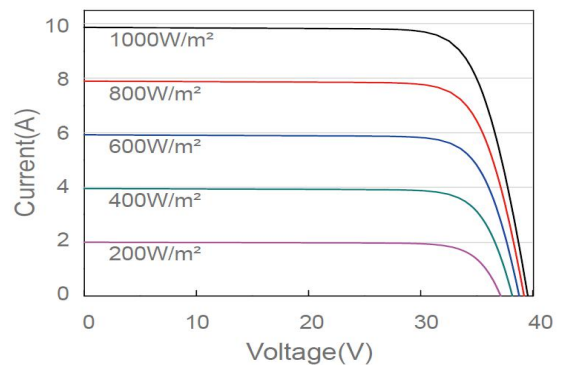
Packing list

20FT container	14 Packages/ 398pcs
40HQ container	28 Packages/924PCS

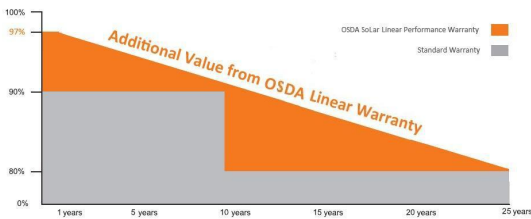
Product Standard

Product Performance	IEC61215
Product Safety	IEC61730

IV Cure



Warranty



12
YEARS

Guarantee on product material and workmanship

30
YEARS

Linear Power output warranty

