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ELECTRICAL DATA(STC)

Model Type	GSMH270W-36M	GSMH280W-36M	GSMH290W-36M	GSMH300W-36M
Peak Power(Pmax)	270	280	290	300
Maximum Power Voltage(Vmp)	40.24	40.87	41.44	42.27
Maximum Power Current(Imp)	6.22	6.37	6.52	6.63
Open Circuit Voltage(Voc)	46.96	47.52	47.8	48.07
Short Circuit Current(Isc)	6.57	6.72	6.86	6.94
Module Efficiency(%)	18.82	19.57	20.32	21.08

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

TEMPERATURE&MAXIMUM RATING

Maximum System Voltage(V)	1000
Maximum Series Fuse Rating(A)	15
Power Tolerance	0~+3 %
Pmax Temperature Coefficients(W/°C)	-0.350 %
Voc Temperature Coefficients(V/°C)	-0.270 %
Isc Temperature Coefficients(A/°C)	+0.048 %
NOCT Nominal Operating Cell Temperature(°C)	45±2
Operating and Storage Temperature(°C)	-40~+85

MECHANICAL CHARACTERISTICS

Cell Type	182x91Mono
No. of Cells	72(4x18)
Dimensions	1725x770x35mm
Weight	13.95kg
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
Max Wind Load/Snow Load	2400Pa/5400Pa

PACKING WAY

20FT	6 Packages/408PCS
40HQ	13 Packages/1092PCS

QUALIFICATIONS AND CERTIFICATES



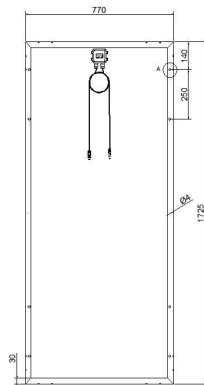
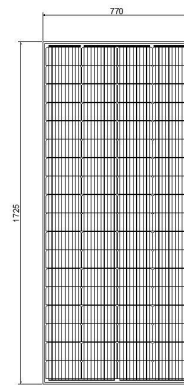
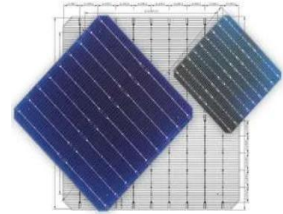
12
YEARS

Guarantee on product material and workmanship

25
YEARS

Linear Power output warranty

PV DRAWINGS

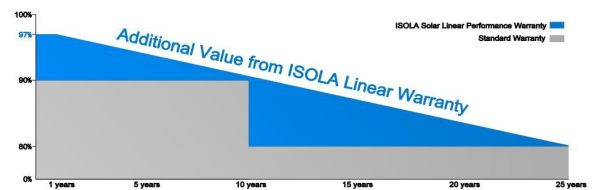


Front

Side

Back

WARRANTY



STC ☀ Irradiance 1000W/m² 🌡 Cell Temperature 25 °C ☁ AM=1.5
NOCT ☀ Irradiance 800W/m² 🌡 Ambient Temperature 20 °C ☁ AM=1.5