



Mono GSM300-330WM10-60

Maximum efficiency



20.28% conversion efficiency
Up to 188W/m² power density

Positive features



Multi Bus Bar highlight efficiency
0~+5W power tolerance
96.5% low irradiance performance

Sever quality control



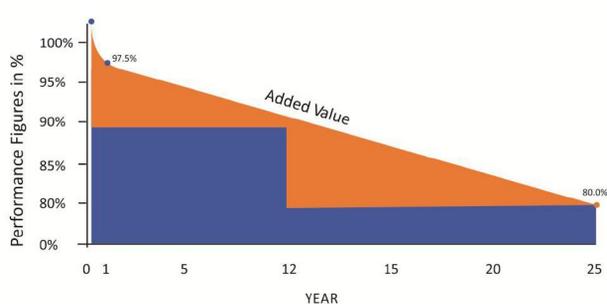
PID free
100% EL strict examination

Outstanding environment resistance



2400Pa wind load
5400Pa snow load

Superior Warranty



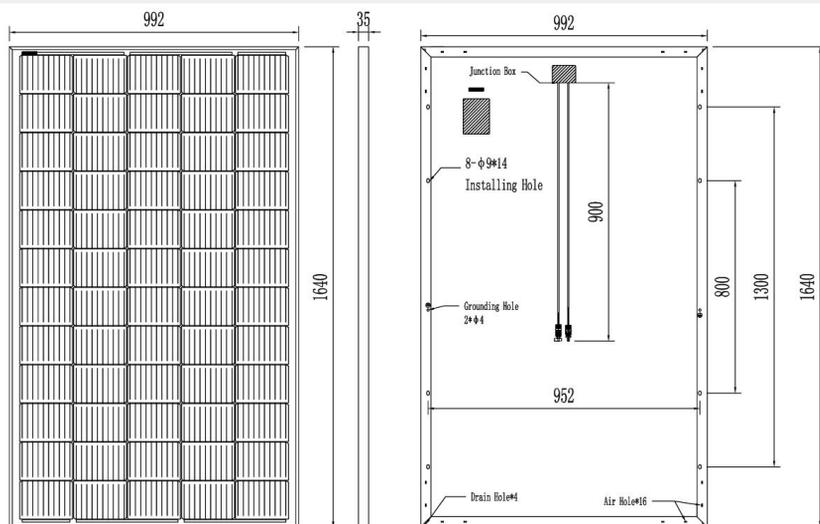
Introduction

Great Solar, established in 2010, is a global leading professional PV module manufacturer, our products have been applied in residential, commercial and grounding solar photovoltaic power plant systems. Great Solar produces high-performance solar products, provides whole system solutions and technical support for best serving clients. We dedicate to satisfy clients' requirements in high quality solar panels for maximumly improving customers' revenue.



LGREATSOLAR GSM Mono Series 300-330W (182 Cells)

MECHANICAL DIAGRAMS



SPECIFICATIONS

Cell	182*130 mono cells
NO. of Cells	60(5x12)
Frame	Anodized Aluminum Alloy
Glass	Low Iron, Tempered Glass, 3.2mm
Dimension	1640x992x35mm
Weight	18.5kg
Package	31pcs/carton
	868pcs/40HQ

ELECTRIC CHARACTERISTICS

Model	GSM300M10-60	GSM305M10-60	GSM310M10-60	GSM315M10-60	GSM320M10-60	GSM325M10-60	GSM330M10-60
Max-power Pm(W)	300	305	310	315	320	325	330
Open-circuit voltage Voc(V)	39.72	39.85	39.97	40.09	40.23	40.36	40.49
Open-circuit current Isc(A)	9.69	9.78	9.89	10.02	10.14	10.24	10.38
Max-power voltage Vmp(V)	33.29	33.38	33.50	33.61	33.72	33.83	33.94
Max-power current Imp(A)	9.02	9.14	9.26	9.38	9.49	9.61	9.81

STC: Irradiance 1000W/m², Cell Temperature 25°C, AirMass1.5

TEMPERATURE AND COEFFICIENTS

Nominal Operating Cell Temperature (NOCT)	45±2°C
Temperature Coefficient Of Pmax (%/°C)	-0.35
Temperature Coefficient Of Voc (%/°C)	-0.27
Temperature Coefficient Of Isc (%/°C)	0.048

OPERATING CONDITIONS

Operating Temperature	-40~ + 85°C
Storage Temperature	-40~ + 85°C
Maximum Series Fuse Rating	20A
Maximum System Voltage	DC1500V



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