



Mono

GSM700-720M12-132BG

Bifacial N-TYPE Mono Half Cell Series



Maximum efficiency



23.18% conversion efficiency
Better shading tolerance

Positive features



Multi Bar highlight efficiency
0~+5W power tolerance

Sever quality control



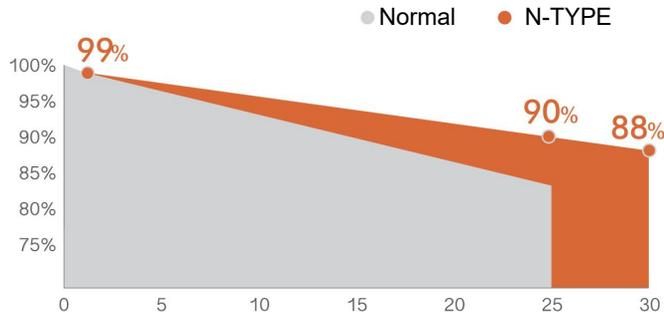
100% EL strict examination
PID resistant and free of snail trails

Outstanding environment resistance



3600Pa wind load
5400Pa snow load

Superior Warranty



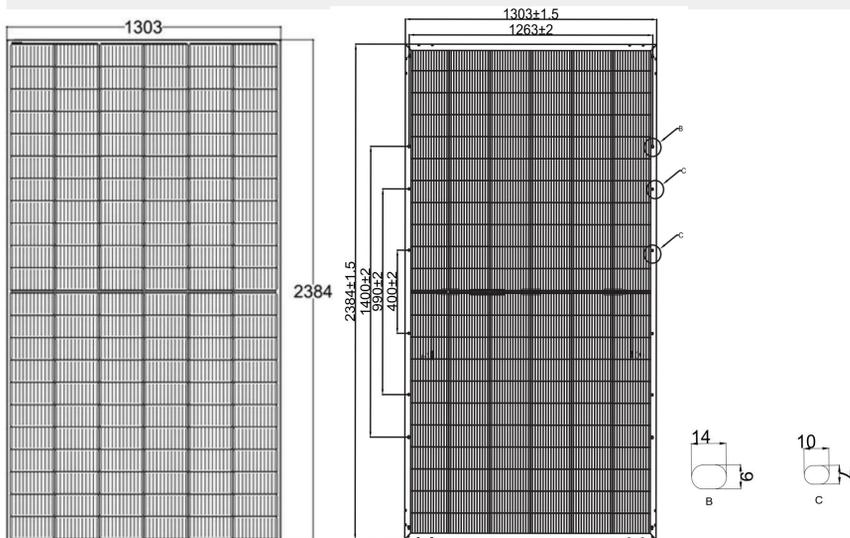
Introduction

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 700-720W (210 cell)

MECHANICAL DIAGRAMS



SPECIFICATIONS

Cell Size	210*105 mm
No. of Cells	132(6x22) Solar Cells
Frame	Anodized Aluminum Alloy
Glass	(F)2.0mm Anti-reflective surface Solar Glass,(B) 2.0mm Solar Glass
Junction Box	IP67/IP68 Rated
Connector	MC4 Compatible
Dimension	2384x1303x35mm
Weight	38.7 kg
Packing	31/CARTON,558/40HQ

ELECTRIC CHARACTERISTICS

Model	GSM700M12-132BG		GSM705M12-132BG		GSM710M12-132BG		GSM715M12-132BG		GSM720M12-132BG	
	STC	BSTC								
Max-power Pm(W)	700	770	705	775	710	780	715	785	720	790
Open-circuit voltage Voc(V)	50.13	50.13	50.29	50.29	50.44	50.44	50.59	50.59	50.74	50.74
Open-circuit current Isc(A)	17.43	19.17	17.49	19.22	17.55	19.28	17.61	19.33	17.67	19.39
Max-power voltage Vmp(V)	42.10	42.10	42.25	42.25	42.39	42.39	42.54	42.54	42.68	42.68
Max-power current Imp(A)	16.63	18.29	16.69	18.35	16.75	18.41	16.81	18.46	16.87	18.51

STC/BSTC: Front Side Irradiance 1000W/m², Back Side Reflection Irradiance 135W/m², Cell Temperature 25°C, Air Mass 1.5

TEMPERATURE AND COEFFICIENTS

Nominal Module Operating Temperature	44±2°C
Temperature Coefficient Of Pmax (%/°C)	-0.26
Temperature Coefficient Of Voc (%/°C)	-0.24
Temperature Coefficient Of Isc (%/°C)	0.04

OPERATING CONDITIONS

Operating Temperature	-40~ + 85°C
Storage Temperature	-40~ + 85°C
Maximum Series Fuse Rating	30A
Maximum System Voltage	DC1500V



Add: 56-1 Hundsun Science & Technology Park, Tianning District, Changzhou, Jiangsu, China
 Email: info@great-solar.com
 Web: www.great-solar.com
 Tel: 0086-519-89962158
 Fax: 0086-519-89962159