

685~700W

G12 solar modules Zeus series

Mono SMBB TOPCon large size half cut
bifacial double glass module

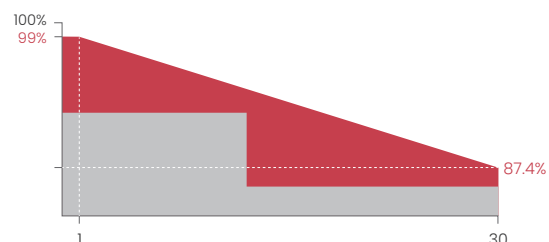
Products can match different installation conditions, taking into account high adaptability and high compatibility. With mature support and inverter scheme, customized design for distributed and centralized ground power stations.

MODULE CHARACTER

-  Exceptional PID Resistance
-  Salt mist resistance/Ammonia resistance /dust and hail resistance
-  Production process reliability test
-  0~+5W Positive Tolerance
-  Lower LID / LETID
-  Reduce BOS cost increase ROI
-  Non-destructive cutting
-  Double-sided electricity generation

CERTIFICATION

IEC61215/IEC61730
ISO9001:Quality Management System
ISO14001:Environmental Management System
ISO45001:Occupational Health and Safety Management System



Linear performance warranty

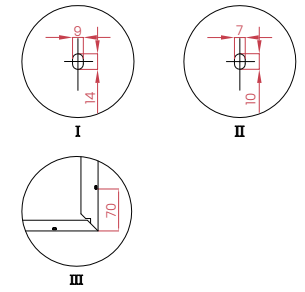
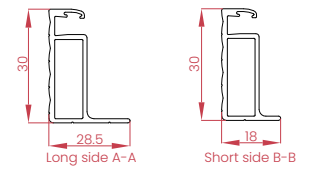
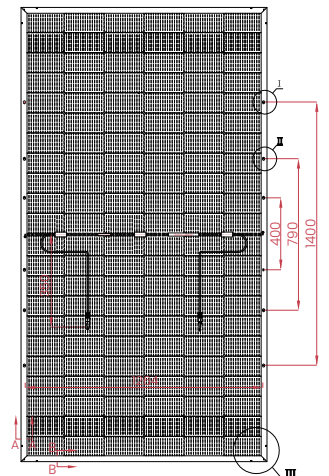
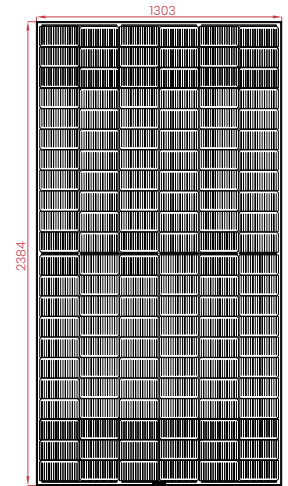


Product warranty



ENGINEERING DRAWINGS

Module Type	SR-66M 685NHLProD		SR-66M 690NHLProD		SR-66M 695NHLProD		SR-66M 700NHLProD	
	Module Efficiency (%)	22.1		22.2		22.4		22.5
Tolerance(W)	0~+5		0~+5		0~+5		0~+5	
Test Environment	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power Pmax(W)	685	521	690	526	695	530	700	534
Open Circuit Voltage Voc(V)	47.7	45.2	47.9	45.4	48.3	45.8	48.6	46.0
Short Circuit Current Isc(A)	18.21	14.67	18.25	14.71	18.28	14.73	18.32	14.76
Maximum Power Voltage Vm(V)	39.8	37.3	40.1	37.7	40.3	37.8	40.5	38.0
Maximum Power Current Im(A)	17.19	13.94	17.23	13.96	17.25	14.02	17.29	14.05
Cell Type(mm)	G12 TOPCon							
Number of Cells (Pcs)	132(6×22)							
Maximum System Voltage (V)	DC1500							
Temp.Coeff.of Voc (%/°C)	-0.24							
Temp.Coeff.of Isc (%/°C)	0.04							
Temp.Coeff.of Pm (%/°C)	-0.30							
Operating Temperature (°C)	-40 to 85							
Nominal Operating Cell Temperature(NOCT) (°C)	43±2							
Max.Series Fuse (A)	35							
Pressure Bearing(Pa)	5400							
Wind Bearing (Pa)	2400							



Length: ±2mm
 Width : ±2mm
 Thickness : ±1mm
 Pitch-row : ±2mm

STC: Irradiance 1000W/m², Cell temperature 25°C, AM1.5
 NOCT: Irradiance 800W/m², Ambient temperature 20°C, Wind speed 1m/s

Different backside power gains(reference to 5% & 10% backside power gain)

Backside Power Gain	5%	10%	5%	10%	5%	10%	5%	10%
Peak Power Pmax(W)	719	754	725	759	730	765	735	770
Open Circuit Voltage Voc(V)	39.8	39.8	40.1	40.1	40.3	40.3	40.5	40.5
Short Circuit Current Isc(A)	18.05	18.91	18.09	18.95	18.11	18.98	18.15	19.02
Maximum Power Voltage Vm(V)	47.7	47.7	47.9	47.9	48.3	48.3	48.6	48.6
Maximum Power Current Im(A)	19.12	20.03	19.16	20.08	19.19	20.11	19.24	20.15

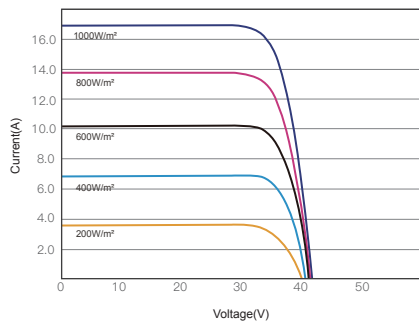
MATERIAL DETAILS

Frame	Anodized aluminum	Cable&Connector	4mm ² , EVO2 or EVO2 compatible
Cell	6×22pcs mono solar cell	Junction Box	Ip≥68, TÜV&UL
Glass	2×2.0mm Anti-Reflection Coating Heat Strengthened Glass	Net length of Cable	350mm or as customer's requirements

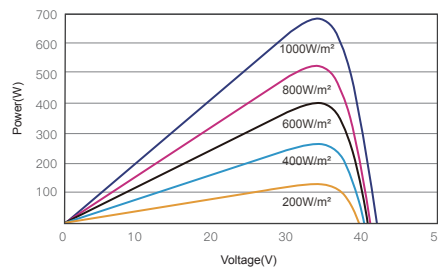
PACKING DETAILS

Dimension	2384×1303×30mm	Weight	38.3kg
Loading Capacity	594pcs/40'HC	Packing	36pcs/pallet

IV CURVES



I-V CURVES OF PV MODULE(695W)



P-V CURVES OF PV MODULE(695W)