

G11RA-72P N-type Monofacial Module

HSM-BD72-WC630~665

665W

Maximum Power Output

24.6%

Maximum Efficiency



Higher energy density;
lower operating temperature



Lower hotspot temperature;
reduce risk of micro-cracks



Refined design,
Busbar-free front side



Comprehensive supply chain integration,
redefining BC standards

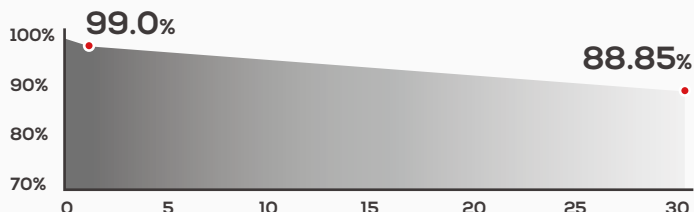
Linear Performance Warranty



15 Years
Product Warranty



30 Years Linear
Performance Warranty



Comprehensive Products and System Certificates



IEC 61215 / IEC 61730 ISO 9001:2015 ISO 45001:2018 ISO 14001:2015

Electrical Parameters (STC*)

* STC: AM1.5 1000W/m² 25°C

Maximum Power	P _{max} (W)	630	635	640	645	650	655	660	665
Open Circuit Voltage	V _{oc} (V)	54.00	54.10	54.20	54.30	54.40	54.50	54.60	54.70
Short Circuit Current	I _{sc} (A)	14.88	14.94	15.00	15.06	15.12	15.20	15.28	15.36
Maximum Power Voltage	V _{mp} (V)	44.70	44.80	44.90	45.00	45.10	45.20	45.30	45.40
Maximum Power Current	I _{mp} (A)	14.10	14.18	14.26	14.34	14.42	14.50	14.57	14.65
Module Efficiency	(%)	23.3	23.5	23.7	23.9	24.1	24.2	24.4	24.6

Temperature Coefficient

Nominal Module Operating Temperature*	43±2°C
Temperature Coefficient of I _{sc}	+0.05%/°C
Temperature Coefficient of V _{oc}	-0.22%/°C
Temperature Coefficient of P _{max}	-0.26%/°C

Operating Parameters

Operating Temperature	-40~+85°C
Maximum System Voltage	1500V DC
Maximum Series Fuse Rating	25A

Mechanical Data

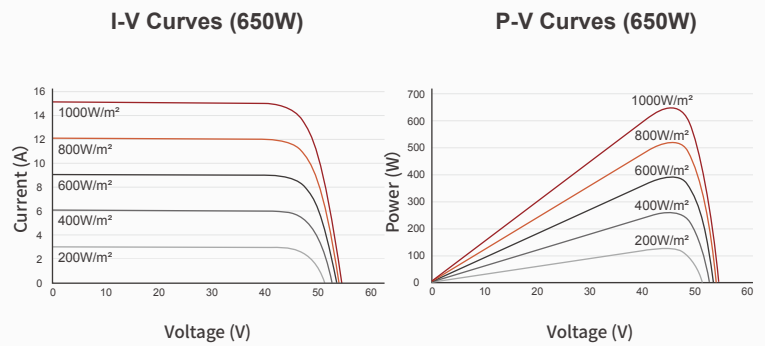
* Please refer to installation manual for details

No. of Cells	144pcs (6×24)
Dimension	2382×1134×30 mm
Weight	28.1kg±3%
Front Glass	3.2mm, Heat Strengthened, AR coating Glass
Back Sheet	High Weather-resistance Back Sheet
Frame	Anodized Aluminium Alloy
J-Box	IP68, three diodes
Cables	4.0mm ² , +300mm, -200mm (can be customized)
Maximum Static Load	Front: 5400Pa/Back: 2400Pa*
Fire Rating	IEC Class C

Packaging Configuration

Modules per Pallet	36pcs
Modules per 40'HQ Container	720pcs
Pallets per 40'HQ Container	20pcs

Curve Graph



Engineering Drawing

[Unit: mm]

