

LINEAR PERFORMANCE WARRANTY



60 cells



0~5W Positive Power Tolerance

Bring additional electricity to our customers



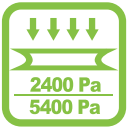
Durability against extreme environmental conditions

High salt mist and ammonia resistance certified by TUV



High Efficiency

Higher module conversion efficiency achieved through advanced manufacturing technology.



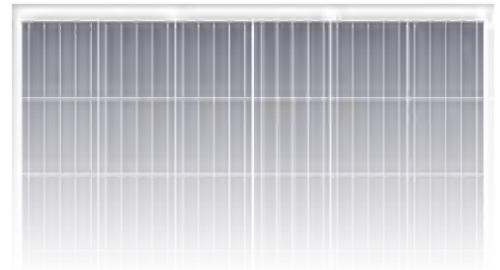
Severe Weather Resilience

Certified to withstand: wind load(2400Pa) and snow load (5400Pa)

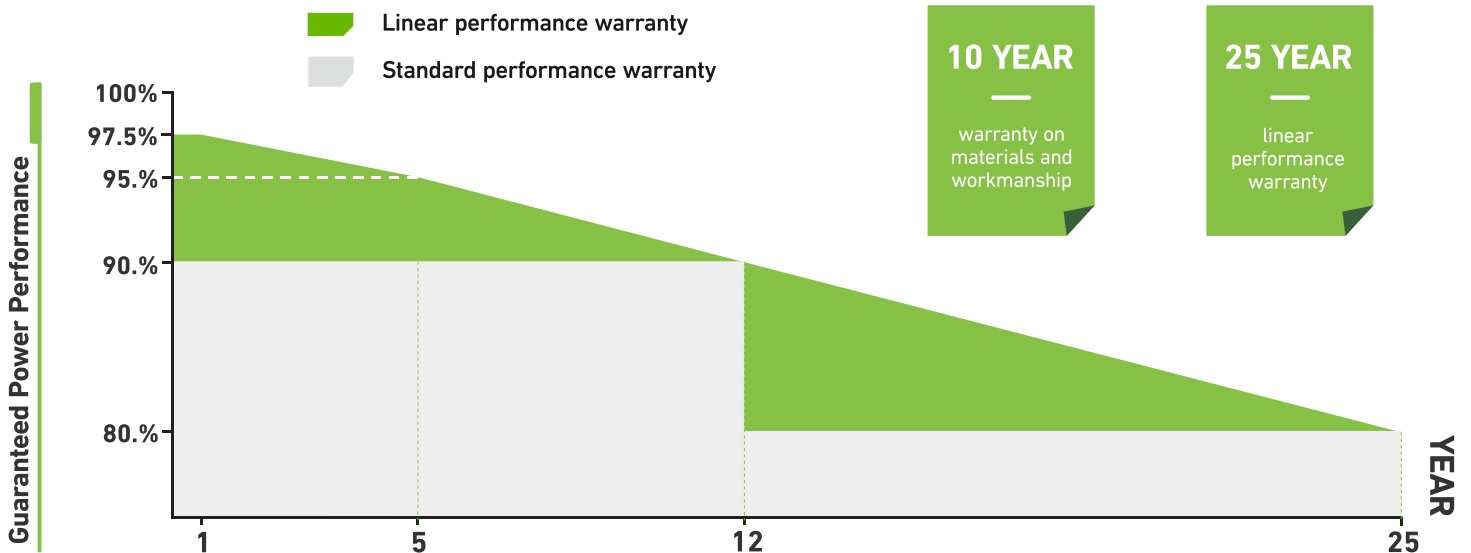


Low-light Performance

Advanced glass and solar cell surface texturing allow for excellent performance in low-light environments



MODULE FEATURES





ELECTRIC CHARACTERISTICS (STC)

Model No.	B6PB27030L001-A ~ B6PB30530L001-A							
Max. Power (Pmax)	270	275	280	285	290	295	300	305
Power Tolerance (Wp)	0 ~ + 5	0 ~ + 5	0 ~ + 5	0 ~ + 5	0 ~ + 5	0 ~ + 5	0 ~ + 5	0 ~ + 5
Voltage at Pmax (Vmp)	31.2	31.4	31.6	31.8	32.2	32.4	32.6	32.8
Current at Pmax (Imp)	8.65	8.76	8.86	8.96	9.01	9.10	9.20	9.30
Open Circuit Voltage (Voc)	38.3	38.5	38.7	38.9	39.7	40.0	40.3	40.6
Short Circuit Current (Isc)	9.29	9.38	9.46	9.54	9.69	9.74	9.79	9.84
Module Efficiency (%)	16.6	16.9	17.2	17.5	17.8	18.1	18.4	18.7

*STC (Standard Test Condition): Irradiance 1000W/M2, Module temperature 25°C, Air Mass 1.5



TEMPERATURE CHARACTERISTICS

Nominal Operating Cell Temperature (NOCT)	46±2°C
Temperature Coefficient of Pmax	-0.42%/°C
Temperature Coefficient of Voc	-0.32%/°C
Temperature Coefficient of Isc	+0.05%/°C



OPERATING PARAMETER

Maximum System Voltage (V)	1000
Operating Temperature (°C)	-40 ~ + 85°C
Maximum Series Fuse Rating (A)	15.0
Maximum Reverse Current (A)	15.0
Maximum Front Load	5400
Maximum Back Load	2400
Hail Test Pass	20mm hail stone at 23m/s



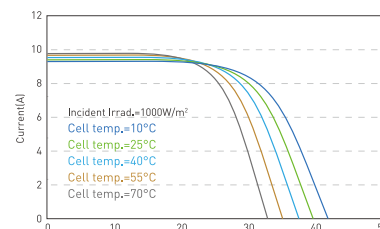
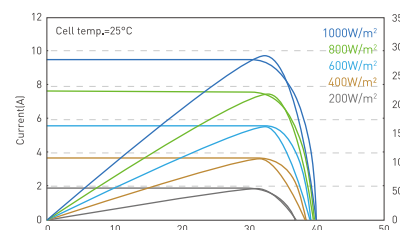
MECHANICAL SPECIFICATIONS

Dimension (mm)	1640*992*35
Weight (kg)	18.5
Packaging	30pcs/pallet
Cell Type/Arrangement	POLY 156.75 / 6*10
Front Glass	Tempered low iron glass/3.2mm
Frame	Anodized aluminum alloy
Junction Box	IP rating ≥IP67
Cable	900mm / 4mm ²
Connector	MC4 or compatible



I-V 曲线

290W



Front

Back

