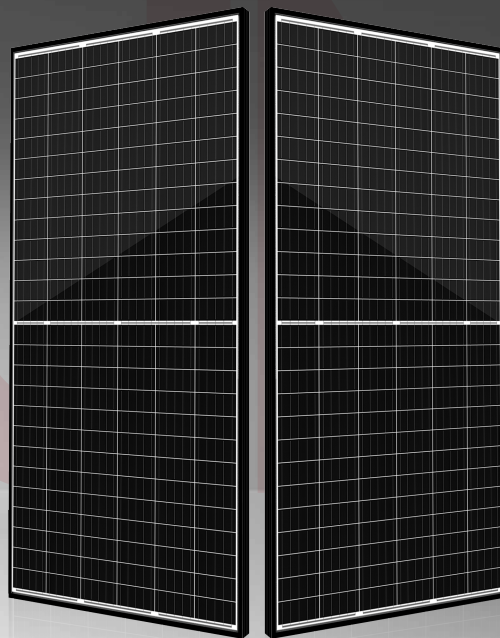


66 SERIES

Multiple upgrades were forged into one







425-440_w



66 SERIES

Gsun redefined the high-efficiency module series by integrating 158.75mm silicon wafers with multi-busbar and half-cut cell technologies. Gsun panel combined creativetechonology effectively and extremely improved the module efficiency and power output.

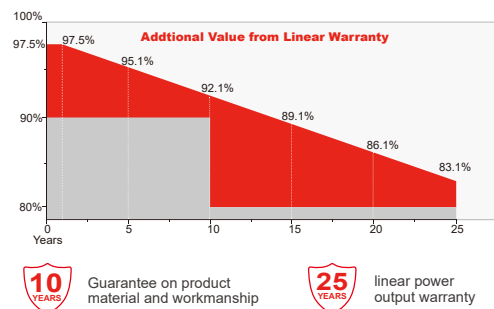
KEY FEATURES

-  Less mismatch to get more power
-  Less power loss by minimizing the shading impact
-  Competitive low light performance
-  3 times EL test to ensure best quality
-  Ideal choice for utility and commercial scale projects by reduced BOS and improve ROI.
-  Outstanding reliability proven by PVEL for stringent environment condition :
 - sand, acid, and alkali,hail stones,
 - 2400pa wind load and 5400pa snow load.
 - PID

PRODUCT CERTIFICATION



WARRANTY



Electrical Characteristics

Module Type	GSUN-425	GSUN-430	GSUN-435	GSUN-440
	STC	STC	STC	STC
Maximum Power at STC (Pmp)	425	430	435	440
Open Circuit Voltage (Voc)	52.1	52.2	52.4	52.6
Short Circuit Current (Isc)	10.31	10.40	10.47	10.53
Maximum Power Voltage (Vmp)	43.8	43.9	44.1	44.3
Maximum Power Current (Imp)	9.71	9.80	9.87	9.93
Module Efficiency at STC(η_m)	19.46	19.69	19.91	20.14
Power Tolerance	(0,+4.99)			
Maximum System Voltage	1500 VDC			
Maximum Series Fuse Rating	20A			

STC: Irradiance 1000 W/m² module temperature 25°C AM=1.5;

Temperature Characteristics

Pmax Temperature Coefficient	-0.36 %/°C
Voc Temperature Coefficient	-0.28 %/°C
Isc Temperature Coefficient	+0.05 %/°C
Operating Temperature	-40~+85°C
Nominal Operating Cell Temperature(NOCT)	45 ± 2 °C
Fire Rating	Class C

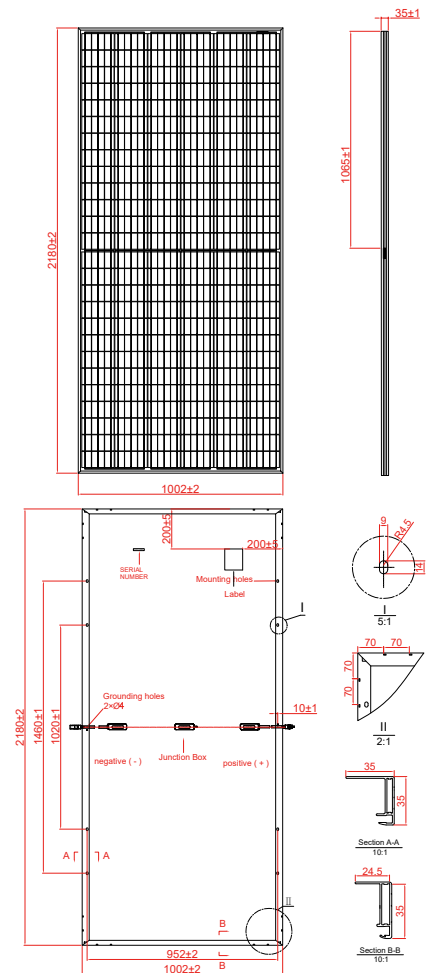
Mechanical Specifications

External Dimensions	2180 x 1002 x 35 mm
Weight	24.0kg
Solar Cells	PERC Mono(156pcs)
Front Glass	3.2 mm AR coating tempered glass, low iron
Frame	Anodized aluminium alloy
Junction Box	IP68, 3 diodes
Output Cable	4.0 mm ² ,Portrait:255mm(+)/355mm(-);Landscape:1300mm
Connector	MC4
Mechanical Load	Front side 5400Pa/ Back side 2400Pa

Packing Configuration

	2180 x 1002 x 35 mm		
Container	20'GP	40'GP	40'HQ
Pieces per Pallet	31	31	31+2*
Pallets per Container	10	20	20
Pieces per Container	310	620	660

* 31+2 pieces per pallet is the special package which only suits for container transport.
For details, please consult GSUN



I-V Curve

