

Solenso

# SOLENSO

## Gorilla N66F

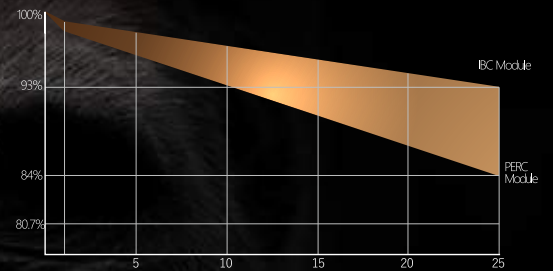
### 430-440W



### Feature

- Patent protection
- High power generation
- IBC Full black module
- N-type High reliability PV module
- Up to 22.3% efficiency with half-cell design
- LID/PIDFree, Low LeTID risk

### Extra Power Gain



25 years module product warranty

Low power degradation  
• 93% of initial by 25years

25 years linear power warranty





**Electrical parameters**

Model Type	Gorilla N66F_430		Gorilla N66F_435		Gorilla N66F_440	
	STC	NOCT	STC	NOCT	STC	NOCT
Rated Power in Watts-Pmax(Wp)	430	324	435	328	440	332
Open Circuit Voltage-Voc(V)	46.1	44.2	46.2	44.3	46.3	44.4
Short Circuit Current-Isc(A)	11.86	9.57	11.96	9.65	12.06	9.73
Maximum Power Voltage-Vmpp(V)	39.2	36.6	39.4	36.8	39.6	37.0
Maximum Power Current-Impp(A)	10.97	8.86	11.04	8.92	11.12	8.98
Module Efficiency (%) *	21.8%		22.1%		22.3%	

**Mechanical parameters**

Cell Type	N-IBC 166x83mm (Half-Cell)
No. of Cells	132 (6x22)
Junction Box	Ip68 with three bypass diodes
Output Cable	4mm <sup>2</sup> , 1400mm with MC4 (Length can be customized)
Glass	3.2mm coated tempered glass
Frame	Anodized aluminum alloy frame
Dimension	1895x1039x30mm
Weight	21.0kg

**Operating Conditions**

Maximum System Voltage	1500V DC (IEC)
Operational Temperature	-40 ~+ 85°C
Maximum Series Fuse Rating	20A
Mechanical Test Load (Front)	5400Pa
Mechanical Test Load (Rear)	2400Pa

**Temperature Characteristics (STC)**

Pmax	%/°C	-0.290
Voc	%/°C	-0.246
Isc	%/°C	+0.046

**Packaging Configuration**

No. of Modules Per Stack	72
No. of Stacks Per 40ft HO container	12
No. of Modules Per 40ft HO container	864

