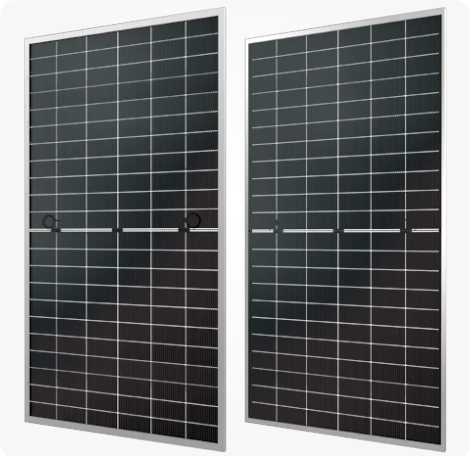
SILVER SERIES · 210 MM · 66-CELL HALF-CUT

Eagle Pro-66HD

N-type bifacial module under double glass. 132 half-cut cells, up to 720 W and 23.20% efficiency, built to hold 87.4% of rated power after 30 years.



695–720 W
POWER RANGE

23.20%
MAX. EFFICIENCY

0~+5 W
POWER TOLERANCE

High power
Output up to 720 W with module efficiency up to 23.20%.

Dual-glass design
Transparent double glass, Class A fire rating and a better temperature coefficient.

MBB half-cut cells
132 N-type cells, 210 × 105 mm, multi-busbar.

Residential and C&I
A size and weight that are easy to handle and install on any rooftop.

ELECTRICAL PARAMETERS AT STC
1000 W/m², 25 °C, AM1.5

Module type: Eagle Pro-66HD	695M	700M	705M	710M	715M	720M
Maximum power (Pmax)	695 W	700 W	705 W	710 W	715 W	720 W
Open circuit voltage (Voc)	48.43 V	48.60 V	48.77 V	48.94 V	49.11 V	49.24 V
Short circuit current (Isc)	18.30 A	18.35 A	18.40 A	18.45 A	18.50 A	18.55 A
Maximum power voltage (Vmp)	40.18 V	40.35 V	40.52 V	40.69 V	40.86 V	41.03 V
Maximum power current (Imp)	17.30 A	17.35 A	17.40 A	17.45 A	17.50 A	17.55 A
Module efficiency	22.39%	22.55%	22.71%	22.88%	23.04%	23.20%

OPERATING PARAMETERS

Maximum system voltage	**1500 V DC**
Maximum series fuse	**30 A**
Power tolerance	**0~+5 W**
Bypass diodes	**3**
Operating temperature	**-40 °C to +85 °C**
Nominal operating cell temp. (NOCT)	**45 ± 2 °C**
Temp. coefficient of Pmax	**-0.357 %/°C**
Temp. coefficient of Voc	**-0.259 %/°C**
Temp. coefficient of Isc	**+0.035 %/°C**
Front load (snow, IEC 61215)	**5400 Pa**
Front and back load (wind, IEC 61215)	**2400 Pa**

WARRANTY

15 years
PRODUCT WARRANTY

30 years
LINEAR POWER WARRANTY

First-year degradation	**< 1%**
Annual degradation, years 2 to 30	**< 0.4%**
Guaranteed power after 30 years	**87.4%**

CERTIFICATIONS

IEC 61215:2021, IEC 61215-2 (bifaciality):2021

IEC 61730:2023, IEC 61701

ISO 9001:2015 quality management

ISO 14001:2015 environmental management

ISO 45001:2018 occupational health and safety

INMETRO

BIFACIAL GAIN: BNPI front 1000 W/m² + rear 135 W/m²

Module type: Eagle Pro-66HD	695M	700M	705M	710M	715M	720M
Maximum power (Pmax)	765 W	770 W	776 W	781 W	787 W	792 W
Open circuit voltage (Voc)	48.43 V	48.60 V	48.77 V	48.94 V	49.11 V	49.24 V
Short circuit current (Isc)	20.14 A	20.19 A	20.25 A	20.30 A	20.36 A	20.40 A
Maximum power voltage (Vmp)	40.18 V	40.35 V	40.53 V	40.70 V	40.87 V	41.04 V
Maximum power current (Imp)	19.04 A	19.09 A	19.15 A	19.19 A	19.26 A	19.30 A

BIFACIAL GAIN: BSI front 1000 W/m² + rear 300 W/m²

Module type: Eagle Pro-66HD	695M	700M	705M	710M	715M	720M
Maximum power (Pmax)	855 W	861 W	867 W	873 W	879 W	886 W
Open circuit voltage (Voc)	48.44 V	48.61 V	48.79 V	48.96 V	49.13 V	49.25 V
Short circuit current (Isc)	22.51 A	22.57 A	22.63 A	22.69 A	22.76 A	22.82 A
Maximum power voltage (Vmp)	40.19 V	40.36 V	40.54 V	40.71 V	40.88 V	41.04 V
Maximum power current (Imp)	21.27 A	21.33 A	21.39 A	21.45 A	21.52 A	21.58 A

MECHANICAL CHARACTERISTICS

Cells (quantity / material / size)	**132 (6 × 11 × 2) / monocrystalline silicon, N-type / 210 × 105 mm**
Front glass	**2.0 mm high-transmittance, anti-reflective, semi-tempered**
Rear glass	**2.0 mm semi-tempered**
Frame	**Anodized aluminium alloy, silver, hollow chamber on each side**
Junction box	**IP68 or better**
Cables and connectors	**4 mm², 300 mm (length can be customized)**
Dimensions (L × W × H)	**2384 (±2) × 1303 (±2) × 30 / 33 / 35 mm**
Weight	**37.2 kg / 37.7 kg / 38.0 kg (30 / 33 / 35 mm frame)**
Application class	**Class A**
Electrical protection class	**Class II**
Fire safety class	**Class A**

PACKING 40HQ container

Frame height	Modules per pallet	Pallet weight	Pallet size (mm)	Modules per container
30 mm	36	1380 kg	1320 × 1120 × 2515	648
33 mm	33	1280 kg	1320 × 1120 × 2515	594
35 mm	31	1085 kg	1320 × 1120 × 2515	558

STC: irradiance 1000 W/m², cell temperature 25 °C, air mass AM1.5. Specifications may change without notice. Contact Sunwave for pricing, lead times and the latest version of this datasheet.