

JHM6/66H

N-Type Rectangle Monofacial

KEY FEATURES



MBB Half-Cut Solar Cell:
182x210mm,132cells



Higher Module Conversion Efficiency:
Higher module output up to 620W with module efficiency up to 23%.



Low-Light Performance:
Advanced glass and surface texturing allow for excellent performance in low-light environments.



Light-Weight Design
Light-weight design using transparent backsheet for easy installation and low BOS cost.



Higher Power Output
Module power increases 5-25% generally, bringing significantly lower LCOE and higher IRR.



WATTS
POSITIVE
TOLERANCE

15

YEARS
PRODUCT
WARRANTY

30

YEARS LINEAR
POWER WARRANTY

TOPCon

66-CELL HALF-CUT SERIES

ELECTRICAL PERFORMANCE

Module Type: JHM6/66H	600M	/	605M	/	610M	/	615M	/	620M
Maximum Power(Wp)	600W		605W		610W		615W		620W
Open Circuit Voltage(Voc)	47.70V		47.90V		48.10V		48.30V		48.50V
Short Circuit Current(Isc)	15.95A		16.00A		16.05A		16.10A		16.15A
Maximum Power Voltage(Vm)	39.44V		39.60V		39.77V		39.96V		40.15V
Maximum Power Current(Im)	15.21A		15.28A		15.34A		15.39A		15.45A
Module Efficiency	22.20%		22.40%		22.60%		22.80%		23.00%
Maximum Series Fuse	25A								
Watts Positive Tolerance	0~+3%								
Number Of Diode	3								
Standard Test Conditions	1000W/M²,25°C,AM1.5								
Maximum System Voltage	1500V/DC								
Temperature-Coefficient Isc	+0.043%/°C								
Temperature-Coefficient Voc	-0.24%/°C								
Temperature-Coefficient Pmpp	-0.30%/°C								
Operating Temperature	-40°C...+85°C								
Normal Operating Cell Temperature	45±2°C								
Load Capacity For The Cover Of The Module (Glass)	5400Pa(IEC61215)(snow)								
Load Capacity For The Front & Back Of The Module	2400Pa(IEC61215)(wind)								

ELECTRICAL PERFORMANCE (NOCT)

Module Type: JHM6/66H	600M	/	605M	/	610M	/	615M	/	620M
Maximum Power(Wp)	453.60W		457.38W		461.16W		464.94W		468.72W
Open Circuit Voltage(Voc)	44.84V		45.03V		45.21V		45.40V		45.58V
Short Circuit Current(Isc)	12.68A		12.72A		12.76A		12.80A		12.84A
Maximum Power Voltage(Vm)	37.27V		37.42V		37.58V		37.76V		37.94V
Maximum Power Current(Im)	12.17A		12.22A		12.27A		12.31A		12.36A

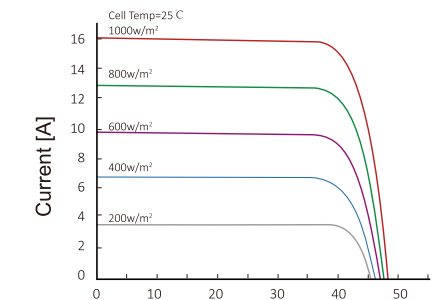
MECHANICAL CHARACTERISTICS

Front Cover (Material / Thickness)	low-iron tempered glass / 3.2mm
Backsheet (Color)	TPT in white
Cell (Quantity / Material / Dimensions)	132(6x11x2) / monocrystalline silicon
Frame (Material / Color)	aluminum hollow-chamber frame on each side anodized aluminum alloy / silver
Junction Box (Protection Degree)	≥ IP68
Cables & Plug Connectors	4mm², 300mm in length,length can be customized
Module Dimensions (L / W / H)	2382(±2)x1134(±2)x30/35mm
Module Weight	28.5kg / 29kg
Application Class	Class A
Electrical Protection Class	Class II
Fire Safety Class	Class C

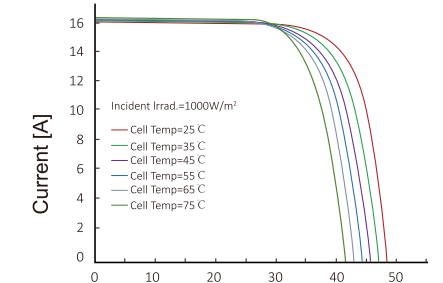
PACKING

Container Size	Units/Pallet (PCS)	Weight/Pallet (KG)	Pallet Measurment (mm)	Units/Container (PCS)
40HQ	36 (30mm)	1060	1140x1120x2540	720
	31 (35mm)	935	1140x1120x2540	620

CURRENT-VOLTAGE CURVES:



Module characteristics at constant module temperatures of 25°C and variable levels of irradiance



Module characteristics at variable module temperatures and constant module irradiance of 1.000 W/m²

MODULE DIAGRAM:

