

ERA Pro-72HC

N-Type Mono-crystalline

KEY FEATURES



MBB Half-Cut Solar Cell:
144 cells (6x12x2).



Higher Module Conversion Efficiency:
Higher module output up to 600W with module efficiency up to 22.66%.



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

182mm , 72-CELL HALF-CUT SERIES

ELECTRICAL PERFORMANCE

Module type: ERA Pro-72HC	600M
Maximum Power(Wp)	600W
Open circuit Voltage(Voc)	52.30V
Short circuit Current(Isc)	14.20A
Maximum Power Voltage(Vm)	43.80V
Maximum Power Current(Imp)	13.70A
Module efficiency	22.66%
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: ERA Pro-72HC	600M
Maximum Power(Wp)	453W
Open circuit Voltage(Voc)	49.15V
Short circuit Current(Isc)	11.30A
Maximum Power Voltage(Vm)	41.40V
Maximum Power Current(Imp)	10.95A

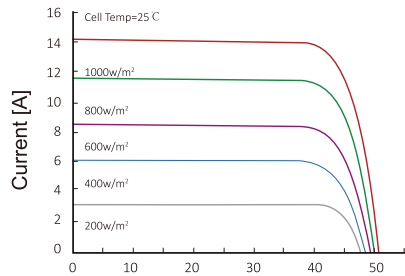
MECHANICAL CHARACTERISTICS

Front cover (material / thickness)	low-iron tempered glass / 3.2mm
Backsheet (color)	TPT in white
Cell (quantity / material / dimensions)	144(6x12x2) / 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)	2335x1134x30mm
Module Weight	27.7kg
Application class	Class A
Electrical protection class	Class II
Fire safety class	Class C

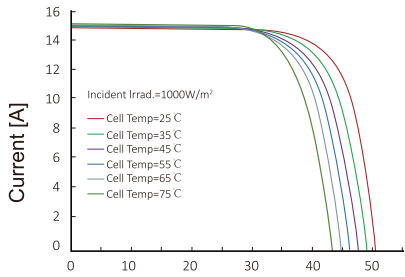
PACKING

Container Size	Units/Pallet (PCS)	Weight/Pallet (KG)	Pallet Measurment (mm)	Units/Container (PCS)
40HQ	36 (30mm)	980	2345x1100x1260	720

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:

