

Pro-54HC

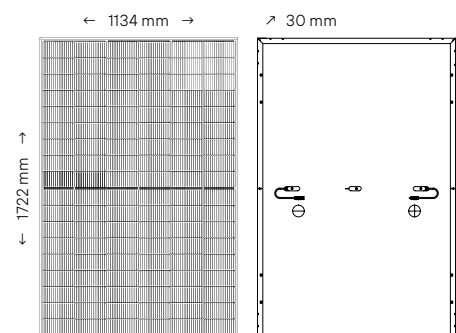
N-Type Mono-crystalline

 Mainwatt®



Details

Front cover	3,2 mm low-iron tempered glass
Backsheet	TPT in white
Cell	120 (6 x 10 x 2) monocrystalline silicon
Frame	silver anodized aluminium hollow-chamber frame
Junction box	≥IP68
Cables & connectors	4 mm ² , 1200 mm in length (customizable)
Module Dimensions	1722 x 1134 x 30 mm
Module weight	21,6 kg
Application class	Class A
Electrical protection class	Class II
Fire safety class	Class C
Units per pallet	36
Weight per pallet	790 kg



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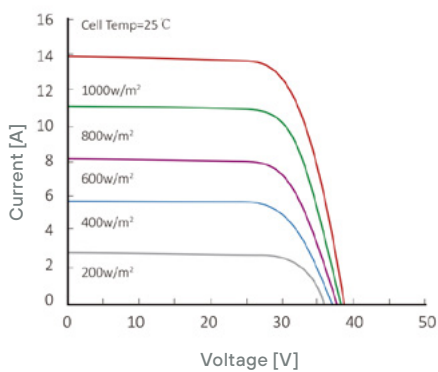


Electrical Performance

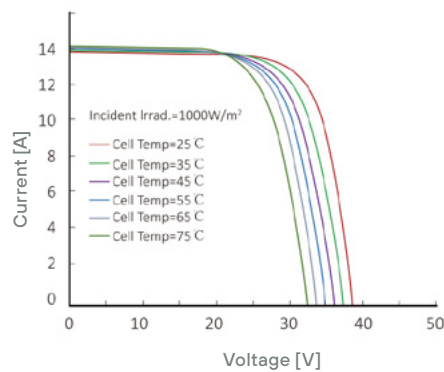
Module Type	430M
Maximum Power (Wp)	430 W
Open circuit Voltage (Voc)	38,40 V
Short circuit Current (Isc)	14,09 A
Maximum Power Voltage (Vm)	32,27 V
Maximum Power Current (Im)	13,33 A
Module efficiency	22,0 %
Maximum Series Fuse	25A
Watts positive tolerance	0~+3%
Number of Diode	3
Standard Test Conditions	1000 W/m ² , 25° C, AM 1.5
Maximum System Voltage	1000 V/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 Temp	45±2°C
Load Capacity for the cover of the module (glass)	5400 Pa (IEC61215) (snow)
Load Capacity for the front & back of the module	2400 Pa (IEC61215) (wind)

Electrical Performance NOCT

Module Type	430M
Maximum Power (Wp)	323,4 W
Open circuit Voltage (Voc)	36,48 V
Short circuit Current (Isc)	11,37 A
Maximum Power Voltage (Vm)	30,37 V
Maximum Power Current (Im)	10,65 A



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