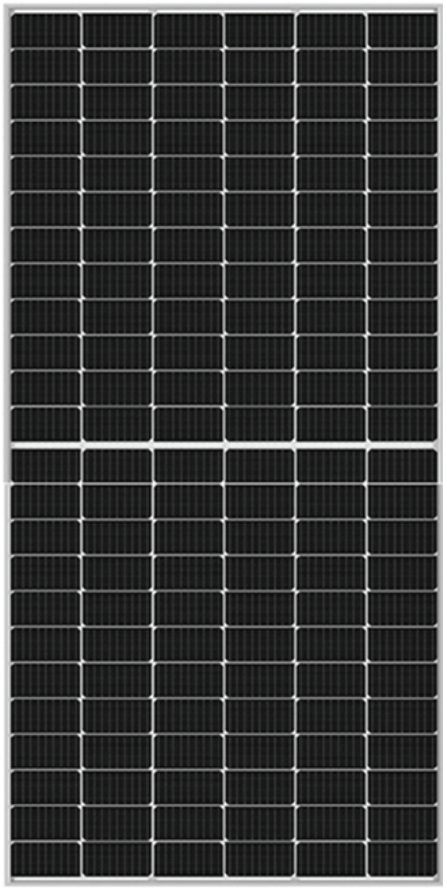
ICA550-72HMI

Monocrystalline
550Wp



(IEC 61730)

Powered by high-efficiency MONOCRYSTALLINE cells, this series of high performance modules provides the most cost-effective solution for lowering the LCOE of any PV systems large or small

Electrical Specifications

	STC	NOCT
Max. Power at STC, Pmax (W)	550.00	414.30
Max. Power Voltage, Vmp (V)	42.40	39.10
Max. Power Current, Imp (A)	12.98	10.58
Open Circuit Voltage, Voc (V)	50.20	46.90
Short Circuit Current, Isc (A)	13.82	11.17
Efficiency (%)	21.29	
Power Tolerance (W)	0~+5	
Pmax Temperature Coefficient (%/°C)	-0.35	
Voc Temperature Coefficient (%/°C)	-0.27	
Isc Temperature Coefficient (%/°C)	+0.05	
Maximum System Voltage(VDC)	1500	
Maximum Series Fuse Rating (A)	25	
Operating Temperature (°C)	-40~+85	
NOCT (°C)	45±2	

STC: Irradiance 1000W/m², Cell Temperature 25°C, AM1.5
NOCT: Irradiance 800W/m², Ambient Temperature 20°C, Wind Speed 1m/s

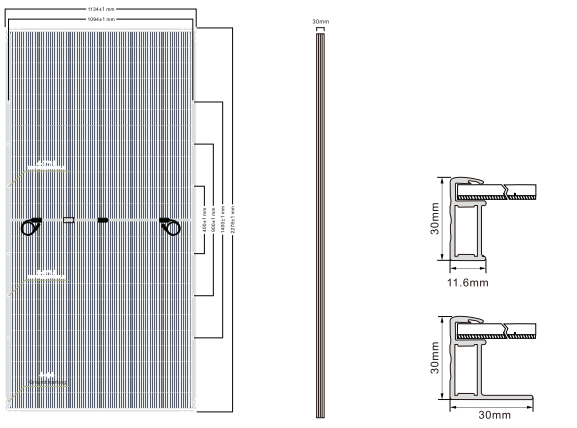
Mechanical Specifications

Cell Type	Monocrystalline 182 x 91mm
Number of Cells	144 (6x24)
Dimension of Module (mm)	2278 x 1134 x 30
Weight (kg)	29.00
Glass (Front & Back)	2.0mm low iron tempered glass
Aluminium Frame	Anodized aluminium
Junction Box	Split junction box (IP68, three diodes)
Connector	MC4 compatible
Output Cables	4.0mm², +300mm, -300mm customized length

Packing Configurations

Container	40’
Pieces per Pallet	31
Pallets per Container	20
Pieces per Container	620

Mechanical Drawings



BACK VIEW SIDE VIEW CROSS-SECTION VIEW