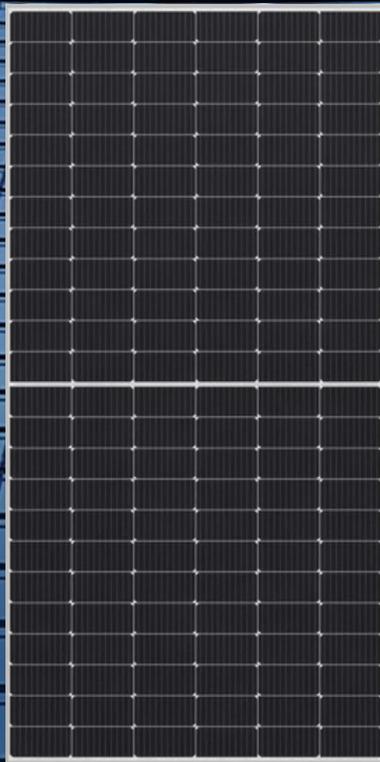




Solar Today, Sustainable Tomorrow *Eco Panels Installed Now!*



Home



Office



Solar & Hybrid
Power Plant



Industry
Unit



Hospitals



Solar
Street Light

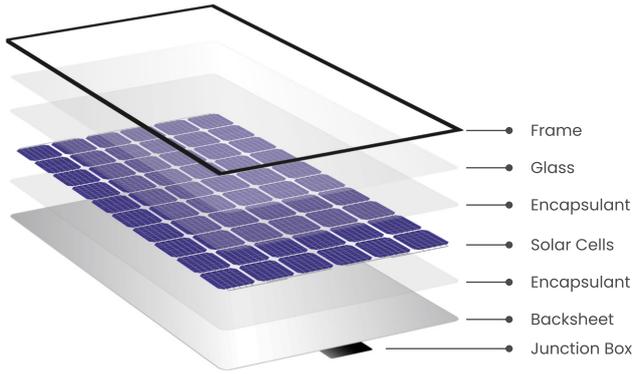


Solar
Water Pump



Telecom

Know your product



Product Output Watt
540-550Wp

Maximum Efficiency
21.67%

Positive Power Tolerance
0~+4.99Wp

Cells (Half Cut)
144

- ✓ Module Efficiency upto 21.67%
- ✓ Power tolerance upto 4.99W
- ✓ ALMM Approved List By MNRE
- ✓ PID Resistance

 **Better Performance Even During Partial Shadow Conditions**

 **Increased Shade Tolerance Half-Cell Module**

 **Better Field Reliability**

 **Ideal For Large Scale Installations**

 **Less Energy Loss With Micro-Cracks**

Electrical Data

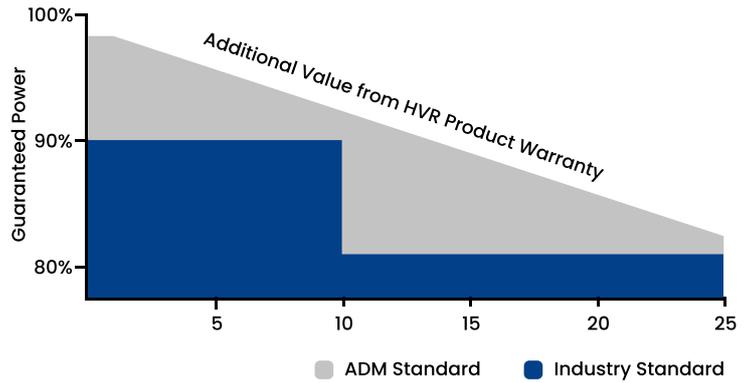
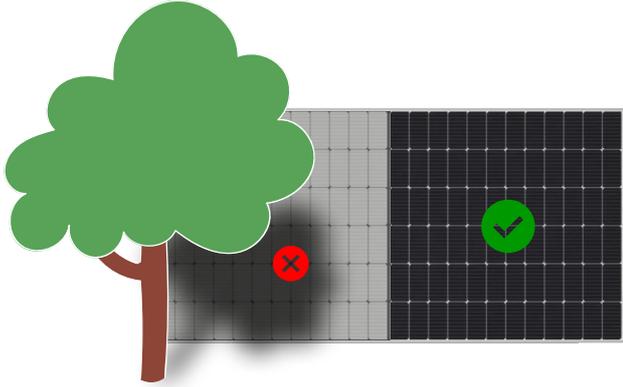
Module Type	ADMM144F24V540	ADMM144F24V545	ADMM144F24V550
	STC	STC	STC
Peak Power Watts (Pmax)	540	545	550
Maximum Power Voltage (Vmp)	42.21	42.46	42.68
Maximum Power Current (Imp)	12.79	12.84	12.88
Open-circuit voltage (Voc)	49.21	49.37	49.54
Short-circuit current (Isc) (A)	13.42	13.46	13.50
Module Efficiency STC (%)	20.90	21.09	21.29
Operating Temperature (°C)	40°C~+85°C		
Maximum System Voltage	1500 V DC (IEC)		
Maximum series fuse rating	15A		

STC	Irradiance 1000 W/m²	Cell Temperature 25 °C	AM = 1.5
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NOCT	Irradiance 800 W/m²	Cell Temperature 20 °C	AM = 1.5
	Wind Speed = 1 m/s		

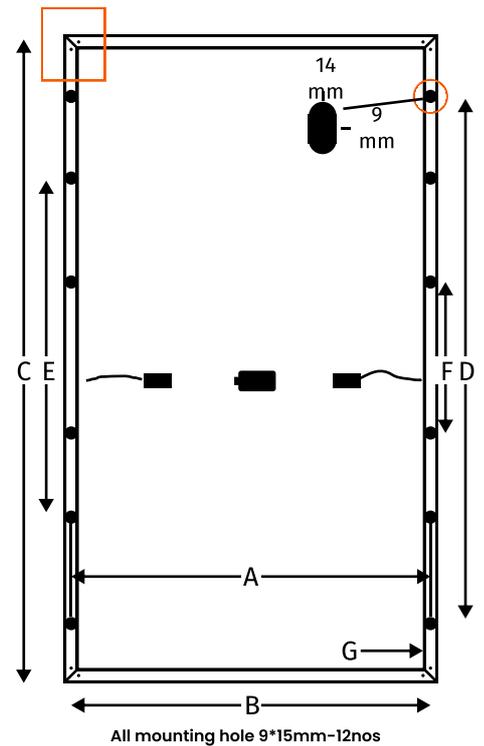
Half Cell Mode

Functions like two parallel modules, enabling the half-cell string to work in partial shading



Mechanical Data

Specification	Half cut Mono PERC
Cell Arrangement	72 Mono PERC - 144 Half Cells
Dimensions	2256x1133x35 mm
Weight	29 kg.
Front Cover	3.2 mm ARC Glass
Frame Material	Anodized Aluminum Alloy
Junction Box	IP68 Split JB
Cable	4mm ² (IEC) - Length 0.35 mtr (Portrait) / 1.4mtr(Landscape)
Connectors	MC4 Compatible
By-Pass Diodes	3 Pcs



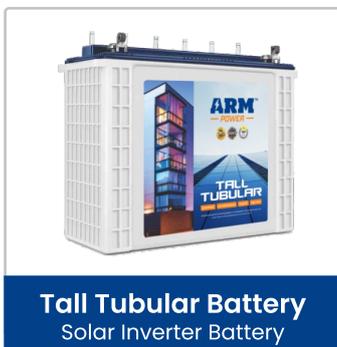
Temperature coefficients at operating conditions

Temperature Coefficient (Pmax)	-0.36% / °C
Temperature Coefficient (Voc)	-0.36% / °C
Temperature Coefficient (Isc)	+0.06% / °C
Nominal Operating Cell Temperature	42 ± 20 °C

Mechanical Data

A	1088 ± 2mm
B	1133 ± 2mm
C	2275 ± 2mm
D	1500 ± 2mm
E	1500 ± 2mm
F	500 ± 2mm
G	30mm

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