

# AEG

## PHOTOVOLTAIC MODULE AEGSPL/570WN



570 Wp  
144 MONOCRYSTALLINE HALF-CUT CELLS

AEG solar modules combine advanced technology with high reliability in manufacture to offer you a product meant for high achievements.



OPTIMIZED DESIGN  
MAXIMUM EFFICIENCY

AEG solar modules with half-cut cells, 16 busbar and Topcon technology are designed to maximize efficiency and performance.



CAREFUL SELECTION,  
PREMIUM LOOK

The careful selection of components (cells, backsheet and frames) ensures a premium product look and provides extra aesthetical value.

AEG Solar Modules Adopt anti-PID (Potential Induced Degradation) Technology.

The unique circuit design reduces the heat spot temperature, thus reducing power loss and maximizing the modules' power output.



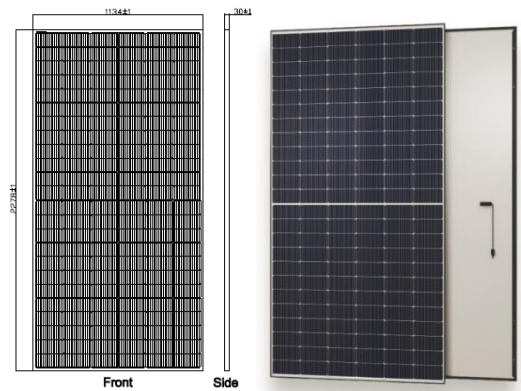
### N-TYPE SERIES



PRODUCT Model Number  
AEGSPL/570WN

ELECTRICAL CHARACTERISTICS AT STC1,2		
Nominal Power (Pmax)	[Wp]	570
Power Tolerance	[Wp]	0~+3
Maximum Power Voltage (Vmp)	[V]	42.07
Maximum Power Current (Imp)	[A]	13.55
Open Circuit Voltage (Voc)	[V]	50.74
Short Circuit Current (Isc)	[A]	14.31
Module Efficiency ( $\eta_m$ )	[%]	22.07
Maximum System Voltage	[V]	1500
Series Fuse Maximum Rating	[A]	25

### TECHNICAL DRAWINGS



MECHANICAL CHARACTERISTICS		
Solar cells	monocrystalline [pcs]	144 N-Type
	Dimensions [mm]	182x91
Backsheet	White	
Frame	aluminum alloy	Black
Junction box	IP	68
	Diodes	3
Connectors	MC4	compatible
Dimensions	H x L x W [mm]	2278 x 1134 x 30
Weight	[kg]	28.4
Maximum load	Wind / Snow [Pa]	2400 / 5400
Application Class	Class	A

TEMPERATURE CHARACTERISTICS		
NOCT	[°C]	45±2
Pmax Temp. Coefficient	[%/°C]	-0.300
Voc Temp. Coefficient	[%/°C]	-0.250
Isc Temp. Coefficient	[%/°C]	+0.046
Operating temperature	[°C]	-40~+85

Warranty: 12 Years		
Product Material Warranty	[years]	12
Linear Power Output Warranty	[years]	25

PACKAGING		
Packing configuration	[pcs/pallet]	36
Loading capacity	[pcs/4HQcontainer]	740

### I-V Curves

