



PV PANEL AE SOLAR AURORA 600W

Code: 165-10057

TECHNICAL DATA

Packaging:	1 // 36
Nominal Power (W):	600W
Years of Warranty:	15 κατασκευής/30 απόδοσης
Length:	2171 mm
Width:	30mm
Height:	1302mm
Product Gross Weight (Kg):	30,5kg
Certificates:	NAI
CE Mark:	NAI
Cell type:	Gallium-doped Mono c-Si PERC, Half-cut cells, 210 mm
No. of cells:	120
Glass:	3.2 mm, high transmission, AR coated, tempered
Back cover:	White backsheet
Junction box:	IP68 rated, 3 Bypass Diodes
Frame:	30 mm anodized Aluminium alloy
Cable:	1 x 4 mm ² , 350 mm length or customized
Connectors:	MC 4 / MC 4 compatible
Operating Temperature:	- 40 to + 85
Temp.coefficient of Pmax:	- 0.34
Standard test conditions (STC):	Irradiance 1000 W/m ² , Cell temperature 25°C and air mass of AM1.5
Nominal Max. Power Pmax Wp (STC):	600
Maximum operating voltage Vmpp (V) (STC):	34.40



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Maximum operating current I_{mpp} (A) (STC):	17.44
Open-circuit voltage V_{oc} (V) (STC):	41.50
Short-circuit current I_{sc} (A) (STC):	18.52
Module efficiency η (%) (STC):	21.23
Power tolerance (W) (STC):	0~+5
Maximum system voltage (V) (STC):	1500
Maximum series fuse rating (A) (STC):	30
Normal module operating temperature (NMOT):	Irradiance 800 W/m ² , Ambient temperature 20°C, air mass of AM1.5 and wind speed of 1 m/s
Nominal Max.Power P_{max} W_p (NMOT):	452
Maximum operating voltage V_{mpp} (V) (NMOT):	32.40
Maximum operating voltage I_{mpp} (A) (NMOT):	13.95
Open-circuit voltage V_{oc} (V) (NMOT):	38.70
Short-circuit current I_{sc} (A) (NMOT):	14.82

