

Deutsche
Qualität
Garantiert



120

SEMI
CELULE

166
mm

DIMENSIUNEA
CELULEI



REZISTENTA
LID



STABILITATE INALTA
SI DURITATE



OMET

ENRICH YOUR
ENERGY YIELD

30

years

Performance
Guarantee

15

years

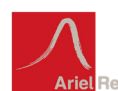
Product
Warranty

SILICON HETEROJUNCTION PV MODULES
HALF-CUT CELLS • BIFACIAL • DOUBLE-GLASS

380W-400W
AE TMC-120BDS Series



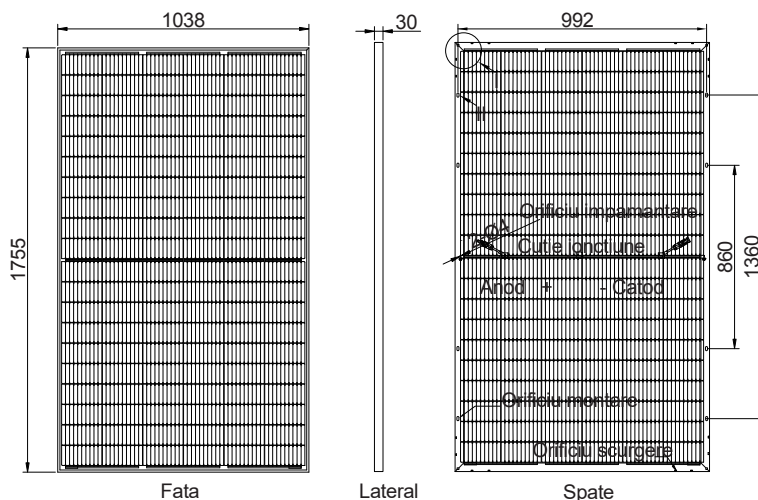
IEC 61215
IEC 61730
Regular Production Surveillance
Type Tested and Monitored



www.ae-solar.com

SPECIFICATII MECANICE SI DE DESIGN

Tipul celulei	Tehnologie heterojunctie silicon, celule semi-taiate, 166 mm
Nr. de celule	120
Bifacilitate	80±5%
Sticla	2.0 mm, transmisie inalta, strat AR, securizata
Incapsulare	POE
Capac spate	2.0 mm, sticla solara cu transmisie inalta, securizata
Cutie jonctiune	nominal IP 68
Rama	30 mm aliaj aluminiu anodizat
Cablu	1 x 4 mm ² , 200 mm lungime sau personalizat
Conectori	compatibili MC 4 / MC 4
Dimensiune	1755 mm x 1038 mm x 30 mm
Greutate	23.5 kg
Rezistenta la grindina	Max. Ø 25 mm at 23 m/s
Rezistenta la vant	2400 Pa/ 244 kg/ m ²
Rezistenta mecanica	5400 Pa/ 550 kg/ m ²

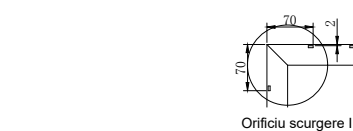
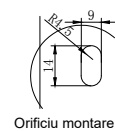
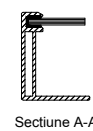
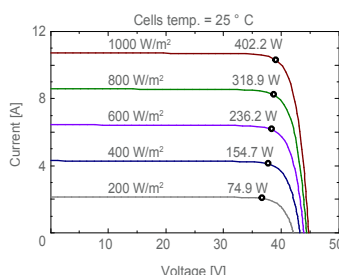
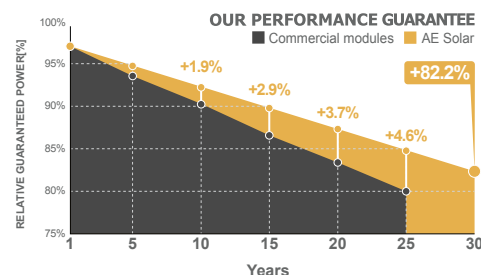


Informatii pachet

Configuratie pachet	35 buc / palet
Capacitate incarcare	910 buc / 40 HQ
Dimensiune / Palet	1790 mm x 1140 mm x 2320 mm
Greutate	1750 kg / palet

Cote temperatura

Temperatura de operare	(°C)	-40 to +85
Coefficient temp. la P_{max}	(%/°C)	-0.26
Coefficient temp. la V_{oc}	(%/°C)	-0.24
Coefficient temp. la I_{sc}	(%/°C)	0.04
Temp. nom. operare NOCT	(°C)	44 ± 2



Specificatii electrice (STC*):

		AE380TMC-120BDS	AE385TMC-120BDS	AE390TMC-120BDS	AE395TMC-120BDS	AE400TMC-120BDS
Putere nominala max.	P_{max} (Wp)	380	385	390	395	400
Tensiune max. operare	V_{MPP} (V)	37.52	37.70	37.91	38.16	38.36
Alimentare max. operare	I_{MPP} (A)	10.14	10.22	10.30	10.36	10.43
Tensiune la mers in gol	V_{oc} (V)	44.22	44.35	44.48	44.61	44.74
Alimentare scurtcircuit	I_{sc} (A)	10.50	10.56	10.62	10.68	10.74
Eficienta modul	η (%)	20.86	21.13	21.41	21.68	21.96
Toleranta puterii	(W)			0~+5		
Tensiune maxima sistem	(V)			1500		
Val.nom.max.sigurante fuzibile	(A)			20		

*STC: Conditii standard de testare (Iradierie 1000 W/m², Temperatura celulei 25°C si masa de aer de AM1.5)

Specificatii electrice (NMOT*):

		AE380TMC-120BDS	AE385TMC-120BDS	AE390TMC-120BDS	AE395TMC-120BDS	AE400TMC-120BDS
Putere nominala max.	P_{max} (Wp)	287	291	295	298	302
Tensiune max. operare	V_{MPP} (V)	35.40	35.60	35.80	36.00	36.20
Alimentare max. operare	I_{MPP} (A)	8.11	8.18	8.24	8.39	8.34
Tensiune la mers in gol	V_{oc} (V)	41.80	42.00	42.20	42.40	42.60
Alimentare scurtcircuit	I_{sc} (A)	8.40	8.45	8.50	8.54	8.59

*NMOT: Temperatura Normala de operare a Modulului(Iradierie 800 W/m², Temperatura ambientala 20°C, masa de aer deAM1.5 si viteza vantului de 1 m/s)

Specificatiile si caracteristicile ce se afla in aceasta fisa tehnica pot devia usor de la produsele reale din cauza dezvoltarii produselor si incertitudinea dispozitivelor de masura.
Specificatiile incluse in aceasta fisa tehnica pot fi supuse modificarilor fara un anunt in prealabil.