



SOLENSO

ACton NRJ-T120BB

AC module combines Sol-H embedded Micro Inverter and Bifacial HJT Half-Cut cells for high efficiency

375W/380W/385W

120-cell Bifacial Transparent HTJ Module

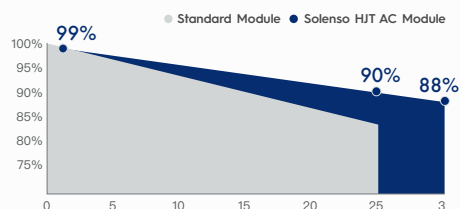


FROM BACK SIDE

FEATURE

- Patent protection
- HJT Full Black module appearance
- Sol-H350 Micro Inverter integrated
- Low voltage on roof
- Easy to expand replace
- No mismatch loss/hot spot
- Free Monitoring App "SOFIA"(IOS&Android)
- Zero Injection (Reactive Power Control)
- Low cost of installation materials and system design
- Unaffected by shading effect by module works independently

WARRANTY



* Refer to Solenso Standard warranty for details

- ✓ 25 years module product warranty
- ✓ 25 years micro inverter product warranty
 - Solenso Limited Warranty
- ✓ 25 years linear power warranty

CERTIFICATE



Acton NRJ-T120BB Series

Electrical parameters

Model Type	Acton NRJ_T120BB_375		Acton NRJ_T120BB_380		Acton NRJ_T120BB_385	
	STC	BSTC	STC	BSTC	STC	BSTC
Rated Power in Watts-Pmax (Wp)	375	420	380	425	385	430
Open Circuit Voltage-Voc (V)	44.37	45.45	44.47	45.61	44.57	45.88
Short Circuit Current-Isc (A)	10.62	11.51	10.72	11.54	10.82	11.58
Maximum Power Voltage-Vmpp (V)	37.02	38.28	37.09	38.49	37.15	38.7
Maximum Power Current-Impp (A)	10.15	11.08	10.27	11.13	10.37	11.18
Module Efficiency (%) *	20.6%		20.9%		21.1%	

* STC: Irradiance 1000 W/m², module temperature 25°C, AM=1.5; Best in Class AAA solar simulator used, power measurement uncertainty is within +/- 3%.

* BSTC: Front side irradiation 1000W/m², back side reflection irradiation 135W/m², spectrum AM1.5, ambient temperature 25°C.Values are based on RETC certified results from a light-soaked module.

AC Output:Solenso Sol-H350

Rated Output Power	350 VA
Nominal Output Voltage	220 / 230 / 240 V
Nominal Output Voltage Range	180-275
Rated Output Current	1,59 / 1,52 / 1,46 A
Nominal Frequency / Range	50 Hz/45 - 55 Hz or 60 Hz/55 - 65 Hz
Power Factor / PF	0,99 / 0,8 leading 0,8 lagging
Cec Weighted Efficiency	96,5%
Max. units per branch(12AWG)	14/14/14
Max. units per branch(10AWG)	18/19/20

Mechanical parameters

Cell Type	120 HJT cells (166x83mm)
Connectors	EVO2 or EVO2 compatible
Junction Box	Degree of protection IP67/IP68, 3 diodes potted
DC Cable	4mm ² , 560mm&1500mm in length
Frame	Anodized aluminum alloy frame
Dimension	1755 x 1038 x 40
Weight	23.5kg
Glass	(F) 2.0mm Anti-reflective surface PV glass (B) 2.0mm Transparent PV glass

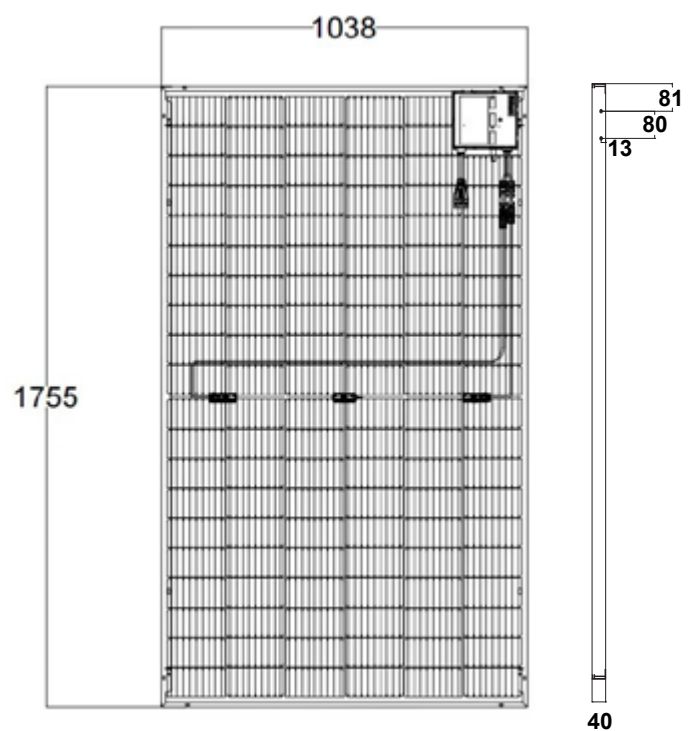
Operating Conditions

Maximum System Voltage	1500V DC (IEC)
Operational Temperature	-40 ~+ 85°C
Maximum Series Fuse Rating	20A
Mechanical Test Load (Front)	5400Pa
Mechanical Test Load (Rear)	2400Pa

Temperature Characteristics (STC)

Pmax	%/°C	-0.260
Voc	%/°C	-0.240
Isc	%/°C	+0.04

Dimensions(Units:mm)



Packaging Configuration

Modules Per Pallet	27 modules
Pallet Per 40' HQ container	26 pallets
Modules Per 40' HQ container	702 modules