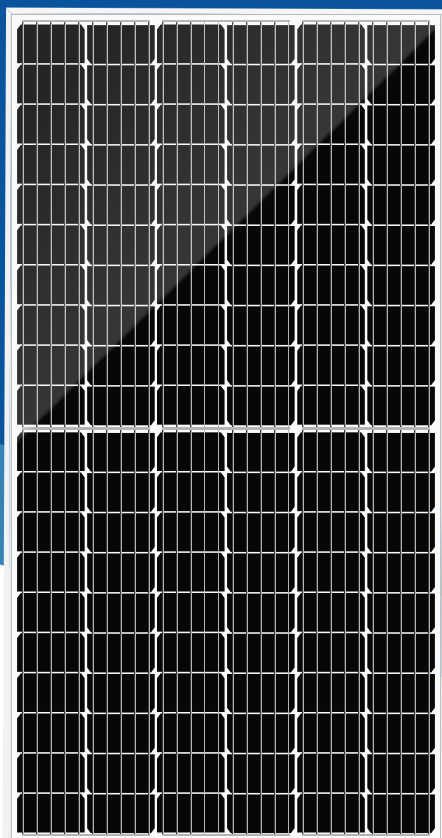


120 HCDS E360 / 375

Dual Series

Evo 375W

HALF CUT TECHNOLOGY



Main product features



Positive tolerance

Guaranteed positive power tolerance (0/+5 %)



+20% Efficiency

More output power per m2



Reduced Hot Spot

Optimized electrical design
Better temperature coefficient
Lower operating current



Multi Busbar Technology

- Improved reliability
- Higher efficiency
- Reduced series resistance



Customized production

- Cable length + Staubli connector
- Mounting holes
- Standar, black and translucent finishings



Certified Quality

- TUV Rheinland IEC 61215 / 61730
- UL 790
- Class C Safety fire
- IEC 61140 Safety Class II
- 2014/35 EU Low Voltage

Your PV manufacturer



12 years of technological expertise



Solar Made simple on +3.500 projects



25 years power output warranty



Full certifications for Europe



Factories in UE and Asia



15 years product warranty
+ 5 years for Premium Partners

www.soltevo.com

SOLTEVO
TECNOLOGIA SOLAR

120 HCDS E360 / 375 Dual Series

Electrical Data		Evo 360W		Evo 370W		Evo 375W	
Dimensions *	*+/-1% [mm]	1765 x 1048 x 40	1765 x 1048 x 40	1765 x 1048 x 40	1765 x 1048 x 40	1765 x 1048 x 40	1765 x 1048 x 40
		1755 x 1038 x 35	1755 x 1038 x 35	1755 x 1038 x 35	1755 x 1038 x 35	1755 x 1038 x 35	1755 x 1038 x 35
Module efficiency	[%]	19,7	20,2	20,2	20,5	20,5	20,5
Watt Sourcing	[W]	0 / +5	0 / +5	0 / +5	0 / +5	0 / +5	0 / +5
Test		STC*	NMOT**	STC*	NMOT**	STC*	NMOT**
Nominal power (P _{mpp})	[Wp]	360	271	370	278,5	375	282,2
Open-circuit voltage (V _{oc})	[V]	40,9	38,61	41,3	38,99	41,5	39,18
Short-circuit current (I _{sc})	[A]	11,2	9,02	11,37	9,15	11,46	9,23
V _{mpp} -Nominal Power Voltage (V _{mpp})	[V]	33,68	31,68	34,08	32,05	34,28	32,22
Nominal Power Current (I _{mp})	[A]	10,69	8,55	10,86	8,69	10,95	8,76

*STC, Standard Test Conditions; Irradiance 1000Wm/2, 1,5 AM. 25°C cell temperature. Production spread +/-3% (AAA Solar Simulation - IEC 60904-9-). **NMOT, Nominal Module Operating Temperature; Irradiance 800Wm/2, 1,5 AM. 20°C temperature. Windspeed 1m/s. Power Class indicated at STC Above

Maximum Ratings *

System voltage	1500V DC
Series fuse rating	Ir 20 A
Hailstone resistance	5.400 Pa / 2.400 Pa
Max. Reverse Current	25mm / 23m/s
Max. Reverse Current	20A

STC Temperature Ratings

α I _{sc}	0,040 % / °C
β V _{oc}	- 0,29 % / °C
γ P _{max}	- 0,37 % / °C
Temperature range	- 40°C ~ + 85 °C
Nominal Operating Cell Temperature	43 ± 2 °C

*Check Soltevo installation manual for designing/mounting PV modules. Apply 1,5 safety Factor.

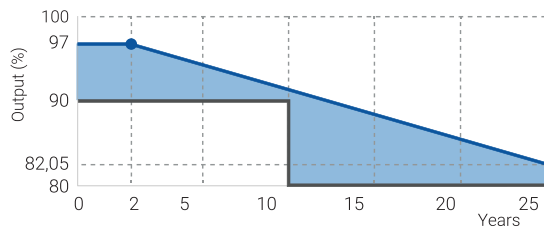
Warranty

Product Warranty

15 Years +5 Premium Pro

Power Warranty

25 Years | 82% Linear Warranty



SOLTEVO
LINEAR WARRANTY

TRADITIONAL WARRANTY

Product Data

Frame

- Black / Silver anodized aluminium 0,015 mm
- Robust and resistant to corrosion
- Mounting holes (for more information please contact our sales team)

Connection Box

- Sealed, robust and wide for heat dissipation
- IP68 according to IEC 60529 Diodes by-pass built-in (3/6)
- Connector MC4 or compatible
- Cables 0,3 meter (±0,1 m) length and 4 mm2 section
- Fire Class I approval (UNI 9177)

Frontal

- 3.2 mm thick tempered glass with high strength and ARC
- Textured, extra-clear with low iron content

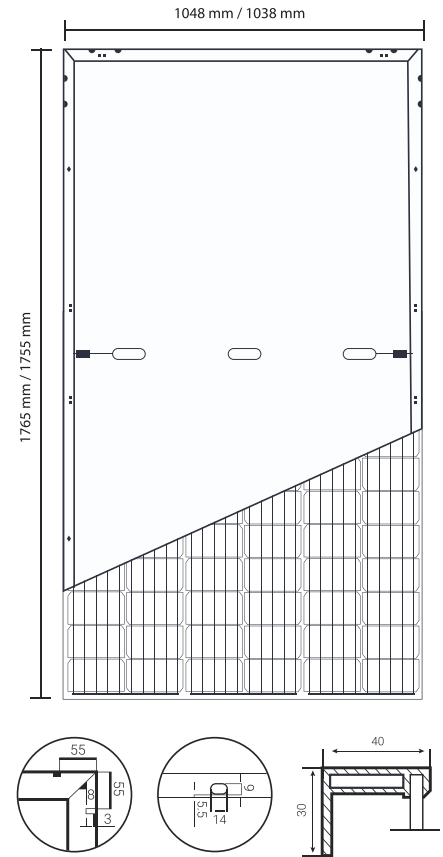
Backsheet

White / Black

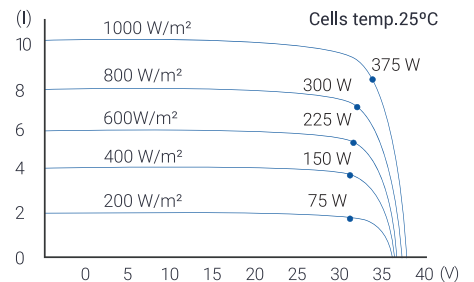
Available in: G type cells: M type cells:

Solar Cells

120 cells monocrystalline silicon.



I-V Curves



Certifications / Directives

IEC 61215

IEC 61730

EN 50618 in accordance to cabling

Safety electric shock II

UL 790 Fire Resistance - Class C

2014/35 EU Low Voltage



Module / Packaging

1765 x 1048 x 35 | L x W x D | 1755 x 1038 x 35

19,2kg | Module Weight | 19kg

832 Pcs | Full truck | 832pcs

64Pcs | 1+1palet | 64pcs

SOLTEVO
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