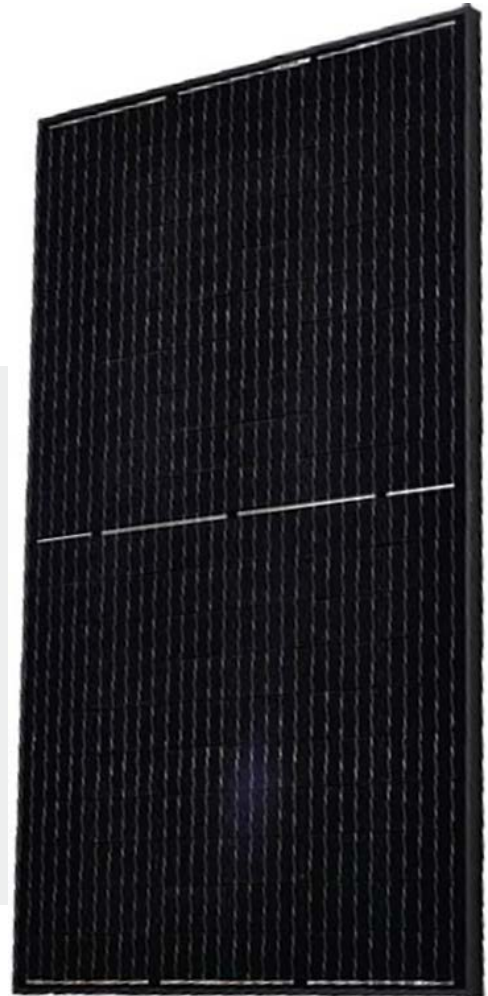


H-CUT HIGH EFFICIENCY MONOCRYSTALLINE 120 CELLS



OUTPUT:
320 - 350 WATT

H-CUT series is one of EXE new top efficiency series. Dimensionally close to conventional 60-cell panels, H-CUT mono-crystalline cells are split in two halves to improve performance and they are arranged in two parallel strings for a better management of shading.

Featuring a black anodized aluminium frame, this series can combine visual attractiveness to conversion efficiency over 19,55%.



Guaranteed positive output tolerance of 0/+5 Wp by single measuring



Maximum 5400 N/m² snow load



3,2 mm anti-reflective glass



Maximum stability through aluminium frame Soft-Grip



15 years manufacturer's warranty
25 years linear performance guarantee

HCUT HIGH EFFICIENCY MONOCRYSTALLINE 120 CELLS



Type ...-E02E-MBB	A-HCUT320	A-HCUT330	A-HCUT340	A-HCUT350
Nominal output P_{mpp}	320W _p	330W _p	340W _p	350W _p
Nominal voltage U_{mpp}	33,69V	34,10V	34,12V	35,16V
Nominal current I_{mpp}	9,55A	9,68A	9,83A	9,98A
Short circuit current I_{sc}	9,98A	10,06A	10,14A	10,94A
Open circuit voltage U_{oc}	40,72V	41,03V	41,34V	41,65V
Module withversion efficiency	19,20%	19,50%	20,45%	21,00%

Electrical characteristics (at Standard Test Conditions (STC) of irradiance 1000W/m², spectrum AM 25°C)

Design	
Frontside	3,2 mm anti-reflective glass
Cells	120 cells monocrystalline 6*10 half cells 12BB
Backside	Composite film
Frame	35mm black anodized aluminium frame

Mechanical data	
LxWxH	1675 x 992 x 35 mm
Weight	20 kg with Frame

Temperature coefficient	
Voltage U_{oc}	-0,31%/K
Corrente I_{SC}	+0,05%/K
Output P_{mpp}	-0,38%/K

Power withnection	
Socket	Protection class IP 67 (3 bypass diodes)
Wire	Approx 110 cm / 4 mm ²
Plug-in system	Plug / Socket IP 67

Limit values	
System voltage	1500 VDC
NMOT	41°C +/- 3°C
Max. load-carrying capacity	5400 N/m ²
Reverse current feed IR	20,0 A

