

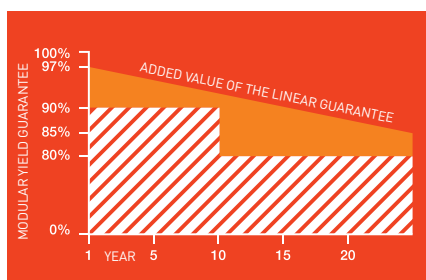
H-CUT HIGH EFFICIENCY MONOCRYSTALLINE 120 CELLS



OUTPUT:
320 - 345 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 20,50%.



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



Maximum 5400 N/m² snow load



3,2 mm anti-reflective glass

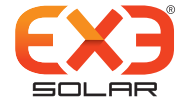


Maximum stability through aluminium frame Soft-Grip



15 years manufacturer's warranty
25 years linear performance guarantee

HCUT HIGH EFFICIENCY MONOCRYSTALLINE 120 CELLS



STC	EXHC-320M	EXHC-330M	EXHC-340M	EXHC-345M
Maximum Power Pmax	320W	330W	340W	345W
Open Circuit Voltage (Voc) (V)	40.45	41.07	41.67	41.90
Short Circuit Current (Isc) (A)	10.17	10.32	10.47	10.64
Voltage at Maximum Power (Vmpp) (V)	33.54	34.06	34.55	34.78
Current at Maximum Power (Impp) (A)	9.54	9.69	9.84	9.95
Modul Efficiency (%)	18.90%	19.48%	20.08%	20.37%

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

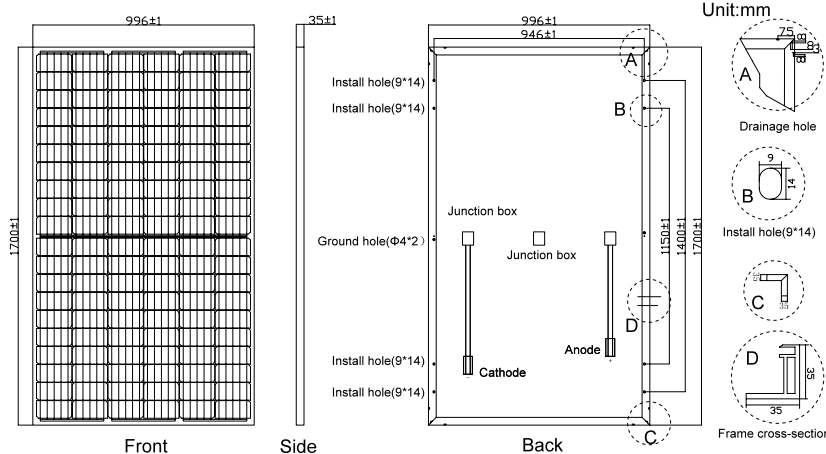
Electrical Parameters at NOCT	EXHC-320M	EXHC-330M	EXHC-340M	EXHC-345M
NOCT irradiance 800W/m ² , AM 1.5G, cell temperature 20°C, wind speed	EXHC-320M	EXHC-330M	EXHC-340M	EXHC-345M
Maximum Power (Pmax)	237W	244W	252W	257W
Open Circuit Voltage (Voc) (V)	37.15	37.65	38.18	38.80
Short Circuit Current (Isc) (A)	8.14	8.25	8.36	8.97
Voltage at Maximum Power (Vmpp) (V)	33.31	33.82	34.38	34.52
Current at Maximum Power (Impp) (A)	7.11	7.22	7.32	7.94

Temperature Characteristics	
Pmax Temperature Coefficients (W/°C)	-0.35%/°C
Voc Temperature Coefficients (V/°C)	-0.28%/°C
Isc Temperature Coefficients (A/°C)	+0.05%/°C
Noct Nominal Operating Cell Temperature (°C)	45+/-2°C

Operating Conditions	
Operating Module Temperature:	-40°C to +85°C
Maximum System Voltage:	1500V
Maximum Series Fuse Rating:	20A
Power Tolerance:	0/+5W
Maximum Static Load Front	5400Pa tested 8000Pa
Maximum Static Load Back	2400Pa
Application Class	Class A

Specifications	
Cell Type	Monocrystalline
Weight	18.7kg +/-3%
Dimensions	1700x996x35mm (+/-2mm)
Cable Cross Section Size	Portrait: 300mm Landscape: 900mm (including connector)
No. Of cells	120 (6x20)
Junction Box	IP67, 3 diodes
Frame	Black Anodized Aluminium Alloy
Front Glass	3,2mm high transmission, low iron, tempered glass

Mono half cells solar panel (1700*996*35)



I-V Curve: (EXHC-320M)

