

MONO HALF CELLS - BLACK | WHITE

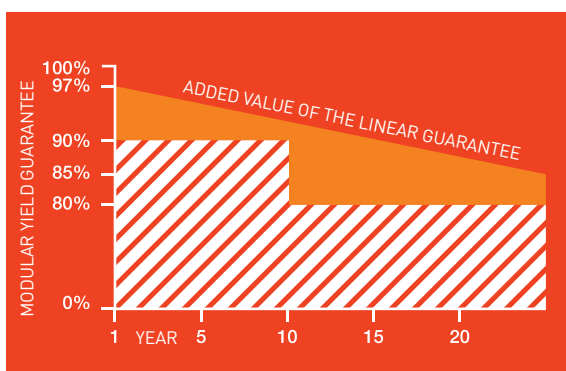
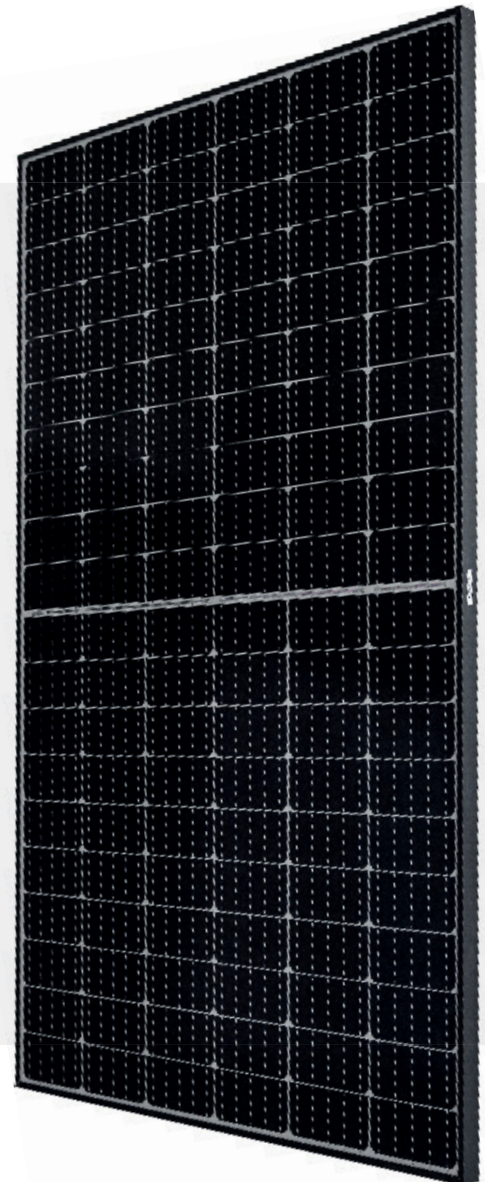
MONOCRYSTALLINE 120 CELLS



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 35 mm black anodized aluminium frame, this series can combine visual attractiveness to conversion efficiency over 20%.



15 years manufacturer's warranty
25 years linear performance guarantee



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



Maximum 5400Pa snow
load



3,2mm anti-reflective glass



Maximum stability through
aluminium frame Soft-Grip

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MONOCRYSTALLINE 120 CELLS

STC	A-HCM320/120	A-HCM330/120	A-HCM340/120	A-HCM345/120
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)

NOCT	A-HCM320/120	A-HCM330/120	A-HCM340/120	A-HCM345/120
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

Electrical characteristics at NOCT, irradiance 800W/m², spectrum AM 1.5G, cell temperature 20°C, wind speed 1 m/s

Temperature Charateristics		Specifications	
Pmax Temperature Coefficients (W/°C)	-0.35%/°C	Cell Type	Mono
Voc Temperature Coefficients (V/°C)	-0.28%/°C	Weight	19kg +/-3%
Isc Temperature Coefficients (A/°C)	+0.05%/°C	Dimensions	1700x996x35mm (+/-2mm)
Noct Nominal Operating Cell Temperature (°C)	45+/-2°C	Cable Cross Section Size	Portrait: approx 50cm
Operating Conditions		No. Of cells	120 (6x20)
Operating Module Temperature:	-40°C to +85°C	Junction Box	IP67, 3 diodes
Maximum System Voltage:	1500V	Frame	Black anodized aluminium
Maximum Series Fuse Rating:	20A	Front Glass	3,2mm high trasmission, low iron,tempered glass
Power Tolerance:	0/+5W		
Maximum Static Load Front	5400Pa tested 8000Pa		
Maximum Static Load Back	2400Pa		
Application Class	Class A		

