

APEXM6HC-340W

Half-Cut Monocrystalline Module

Positive Power Tolerance 0~+5

IEC 61730



KEF FEATURES



5 Busbar Solar Cell

5 busbar solar cell adopts new technology to improve the efficiency of modules, offers a better aesthetic appearance, making it perfect for rooftop installation.



High Efficiency

Higher module conversion efficiency (up to 20.15%) benefit from half cell structure (low resistance characteristic).



PID Resistance

Excellent Anti-PID performance guarante limited power degradation for mass production.



Low-Light Performance

Advanced glass and cell surface textured desing ensure excellent performance in low-light environment.



Severe Weather Resilience

Certified to withstand: wind load (2400Pascal) and snow load (5400Pascal).



Durability Against Extreme Conditions

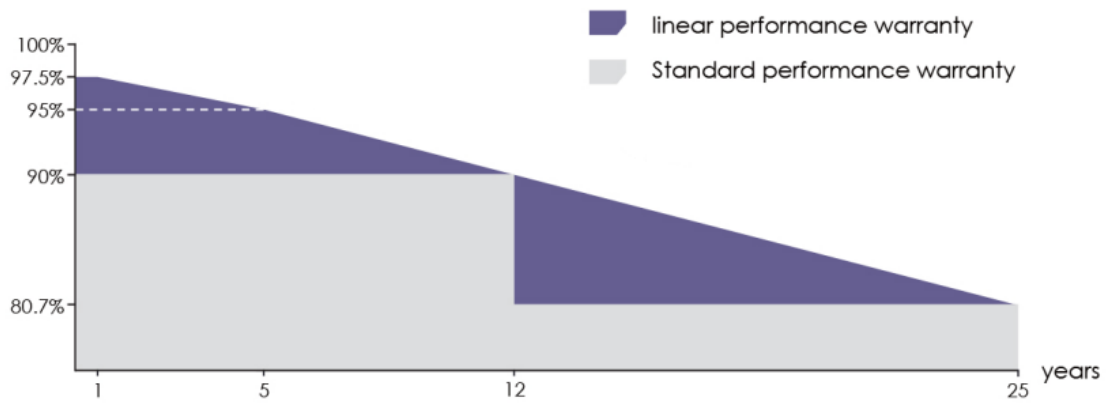
High salt mist and ammonia resistance certified by TUV NORD

LINEAR PERFORMANCE WARRANTY

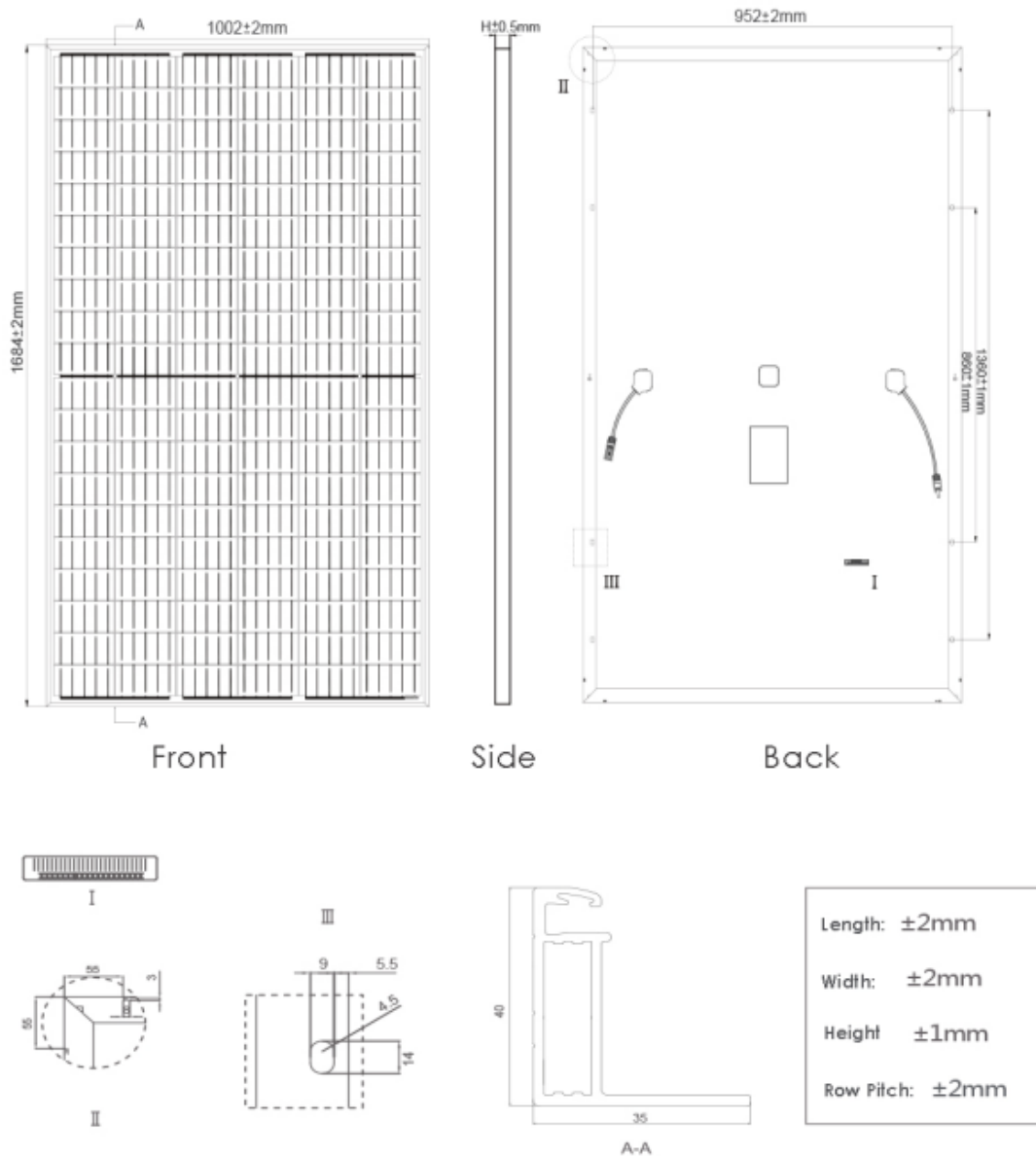
12 Year Product Warranty

25 Year Linear Power Warranty

Warranty Power Performance

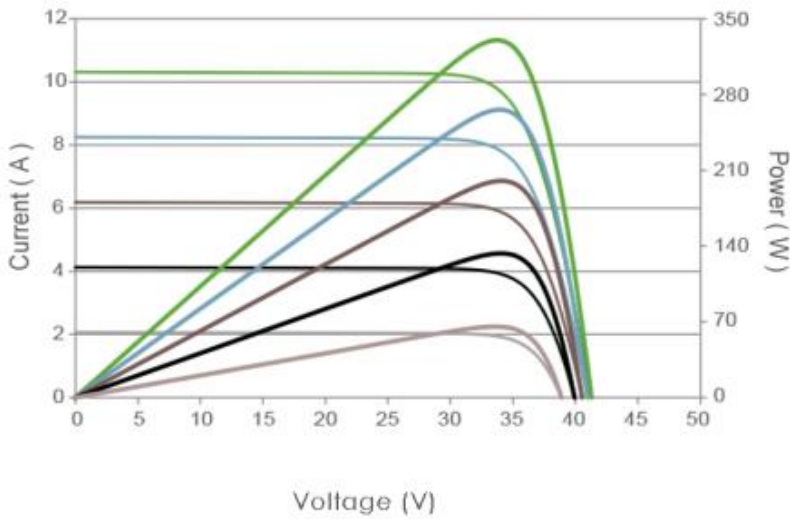


MECHANICAL DRAWING

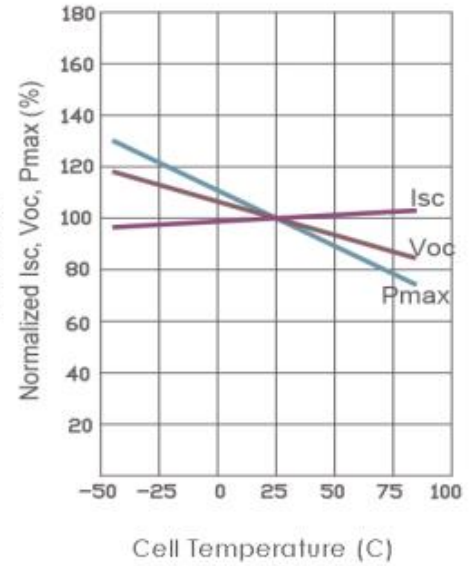


ELECTRIAL PERFORMANCE & TEMPERATURE

Current-Voltage & Power-Voltage Curves
(340W)



Temperature Dependence of Isc, Voc, Pmax



MECHANICAL CHARACTERISTICS

Cell Type	Mono PERC 158.75x158.75mm
No. of Cells	120 (6x20)
Dimensions	1684x1002x40mm (66.40x39.45x1.57inch)
Weight	19 kg (41.9lbs)
Front Glass	3.2mm, Anti-Reflection Coating High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminum Alloy
Junction Box	IP68 / IP67
Output Cables	4.00mm ² , Length 900/1200mm or Customized Length


PALLETIZING CONFIGURATION

30pcs/pallet, 60pcs/stack, 660pcs/40'HQ Container

*(Two pallets = One stack)

SPECIFICATIONS

Modul Type	APEXM6HC-340W	
	STC	NOCT
Max. Power (Pmax)	340Wp	253Wp
Max. Power Voltage (Vmp)	34.2V	32.2V
Max. Power Current (Imp)	9.95A	7.86A
Open Circuit Voltage (Voc)	41.7V	38.6V
Short Circuit Voltage (Isc)	10.82A	8.86A
Module Efficiency STC (%)	20.15%	
Operating Temperature (°C)	-40°C~+85°C	
Max. System Voltage	1000VDC(IEC)	
Max. Series Fuse Rating	20A	
Power Tolerance	0~+3W	
Tempature Coefficients Of Pmax	-0.36/%°C	
Tempature Coefficients Of Voc	-0.28/%°C	
Tempature Coefficients Of Isc	0.048/%°C	
Nominal Operating Cell Tempature (NOCT)	45±2°C	

STC:  Irradiance 1000W/m2



Cell Tempature 25°C



AM=1.5

NOCT:  Irradiance 800W/m2



Cell Tempature 20 °C



AM=1.5



Wind Speed 1m/s

*Power measurement tolerance ±5W



MERKEZ

İkitelli O.S.B. Sefaköy San. Sit.
9.Blok No: 8-10-12 İkitelli
Başakşehir / İSTANBUL
T: +90(212) 320 35 02
info@electrozirve.com



FABRİKA

Avrupa San. Sit. B Blok
No:7 Kapaklı - Çerkezköy
TEKİRDAĞ
T: +90(850) 302 50 51
info@electrozirve.com

