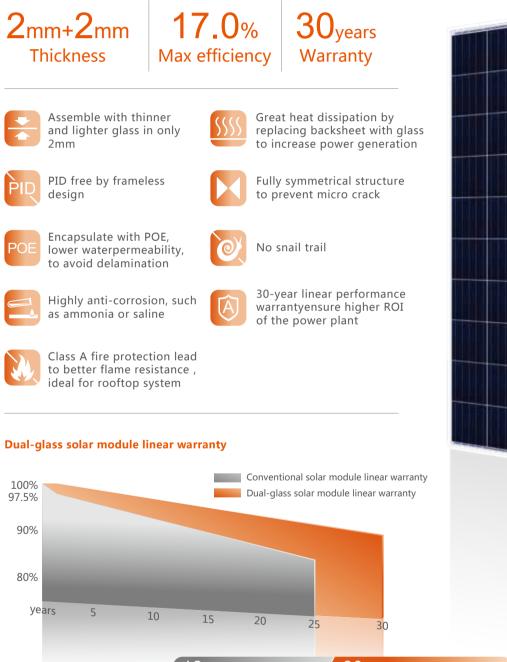




SEAP60W 270-280W



12years product warranty 30years performance warranty

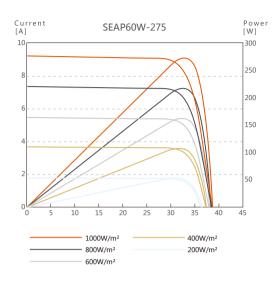




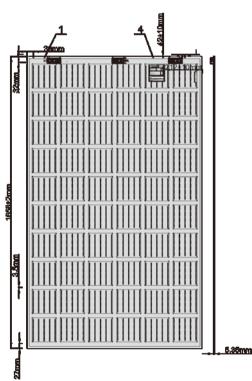
SEAP60W 270-280W



I-V & P-V Curve



DIMENSION(mm)



ELECTRICAL SPECIFICATION (STC)				
Module	SEAP60W -270	SEAP60W -275	SEAP60W -280	
Rated Power (Pmpp) (W)	270	275	280	
Power Output Tolerance (W)	0~+5			
Rated Current (Impp) (A)	8.62	8.73	8.81	
Rated Voltage (Vmpp) (V)	31.33	31.51	31.79	
Short Circuit Current (Isc) (A)	9.11	9.18	9.24	
Open Circuit Voltage (Voc) (V)	38.14	38.21	38.28	
Efficiency(%)	16.4	16.7	17.0	
Operational Temperature	-40~+85°C			
Maximum Static Load	5400Pa			
Maximum Wind Load	2400Pa			
Maximum System Voltage		1500V		
Maximum Series Fuse Rating		20A		

STC : Irradiance 1000W/m2, Cell Temperature 25°C, Air Mass AM1.5.

ELECTRICAL DATA (NOCT)				
Maximum Power (Pmax) (W)	199.66	203.18	206.53	
Maximum Power Voltage (Vmp) (V)	8.94	29.14	41	
Maximum Power Current (Imp) (A)	90	97	7.02	
Open Circuit Voltage (Voc) (V)	32	5.37	5.41	
Short Circuit Current (Isc) (A)	7.36	7.41	7.46	

NOCT : Irradiance at 800W/m², Ambient Temperature 20°C, Wind Speed 1m/s.

MECHANICAL SPECIFICATION

Poly-crystaline	
156.75mm × 156.75mm	
$8\pm2mm \times 992\pm2mm \times 5mm$ (J-box and edge sealing not included	
19.5kg	
2mm tempered AR glass	
POE	
2mm ceramic coated glass	
IP68 (three bypass diodes)	
4mm²	
MC4 / MC4 equivalent	

TEMPERATURE COEFFICIENT		
NOCT(Nominal Operating Cell Temperature)	45±2℃	
Temperature Coefficient of Isc	+0.0464%/°C	
Temperature Coefficient of Voc (β)	-0.3019%/°C	
Temperature Coefficient of Pmpp (γ)	-0.3904%/°C	

* Declaration:

The technical specifications in this document may be slightly biased and Amaden does not guarantee its complete accuracy. Due to continuous technological innovation and product optimization, Almaden reserves the right to adjust the specification in this document at any time without prior notice. When signing a contract, the client should obtain the latest product datasheet as part of a binding contract.

PACKAGING CONFIGURATION		
	33 pieces	
	858 pieces	

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