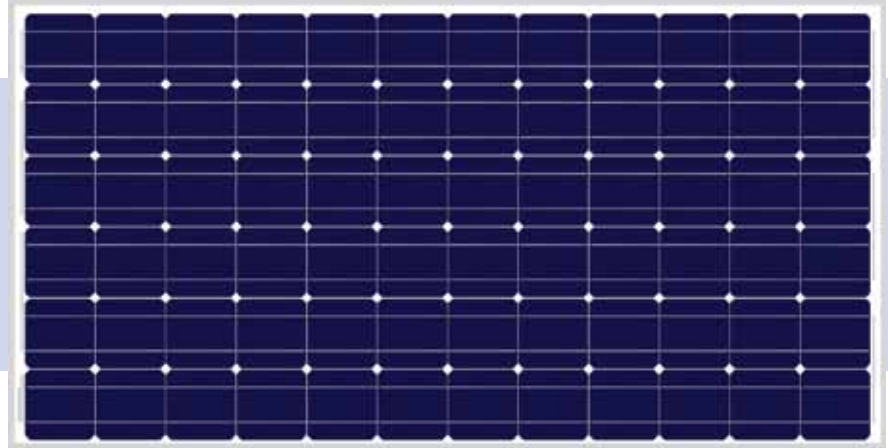




## STM 255W-270W



### Monocrystalline Specification of the solar module

Model		STM255	STM260	STM265	STM270
Rated Maximum Power-Pmax	W	255	260	265	270
Maximum Power Voltage-Vmp	V	31.2	31.6	31.8	32.2
Maximum Power Current-Imp	A	8.20	8.24	8.35	8.40
Open Circuit Voltage-Voc	V	37.8	37.9	37.9	38.0
Short Circuit Current-Isc	A	8.78	8.80	8.85	8.94
Efficiency	%	15.67	15.98	16.29	16.60

### Specification of the monocrystalline Cell

No. Cell		60			
Rated Maximum Power-Pmax	W	4.250	4.333	4.417	4.500
Maximum Power Voltage-Vmp	V	0.520	0.527	0.530	0.537
Maximum Power Current-Imp	A	8.200	8.243	8.350	8.400
Open Circuit Voltage-Voc	V	0.630	0.632	0.632	0.633
Short Circuit Current-Isc	A	8.775	8.803	8.850	8.937
Cell Efficiency	%	17.46	17.81	18.15	18.49
Cell Size	mm	156 x 156			

High Performance Mono Crystalline Module

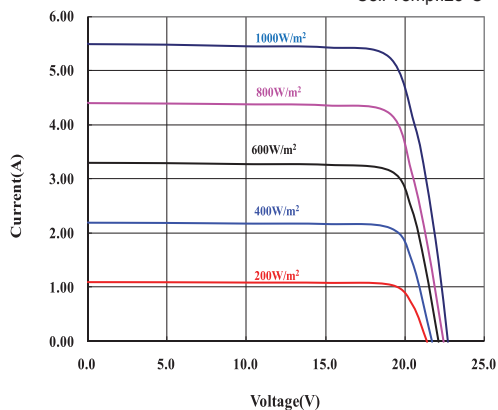
[www.sky-energy.co.id](http://www.sky-energy.co.id)

## Mechanical & Packaging Characteristics

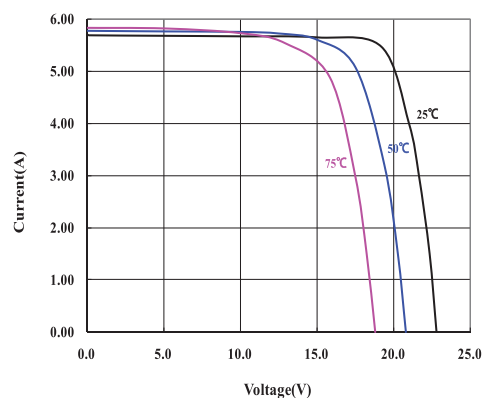
Dimensions A×B×C	mm	1640×992×40
Installation Hole Dimension D×E×F	mm	800×1300×941
Weight	Kg	19.0
Number of Draining Holes in the Frame		-
Construction		Superstrate: High transmission 3.2mm tempered low iron glass; Substrate:White Back Sheet; Encapsulant: Fast Cure EVA
Frame		Clear anodized aluminium alloy type 6063T5; Color:silver
Packing Configuration and Quantity per Pallet		26 pcs per carton and 52 carton per pallet
Container Loading Capacity		728 pcs per 40 ft high cubic container; 312 pcs per 20 ft container

## I-V Characteristics at different Irradiances and Temperatures

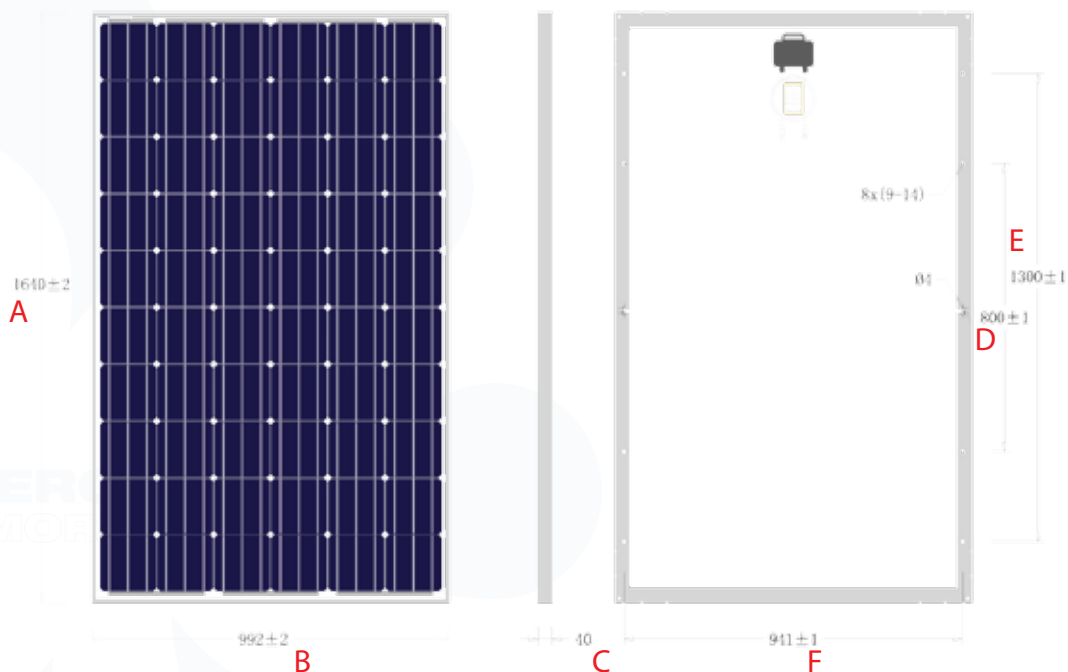
I-V Curves of STM255W-270W at different Irradiances  
Cell Temp.:25°C



I-V Curves of STM255W-270W at different cell Temperatures  
IRRADIANCE: AM 1.5,1000W/m²



## Dimensional Characteristics



High Performance Mono Crystalline Module

www.sky-energy.co.id