

SkyHawk M-type Module Specification

Monocrystalline 6X20 Solar Modules for Salt Field Type

166mm / M6 Solar Cell

375Wp / 380Wp



1500V

Better LCOE



Advanced Non-Destructive Cutting Technology



The highest Mechanical Load Test in PV Industry



Multi Busbar Technology



The toughest Salt Mist Test in PV Industry



Improved module power output performance by reducing module working temperature

Green Energy

Made in Taiwan




Sustainable Development



SkyHawk M-type Module Specification(166mm / M6 Solar Cell) Monocrystalline 6X20 Solar Modules for Salt Field Type 355-380Wp



Electrial Data								General Data		
Model Name		TS60-AMH-355 H1	TS60-AMH-360 H1	TS60-AMH-365 H1	TS60-AMH-370 H1	TS60-AMH-375 H1	TS60-AMH-380 H1	Cell type	M6 Monocrystalline	
Max. power at STC	P _{max}	W	355	360	365	370	375	380	Cell per module	Mono-crystalline silicon solar cell (120 pcs)
Max. power voltage	V _{mp}	V	33.80	34.00	34.20	34.40	34.60	34.80	Front	Low-iron tempered glass
Max. power current	I _{mp}	A	10.51	10.59	10.68	10.76	10.84	10.92	Encapsulant Film	Low water vapor transmission rate (WVTR) material
Open circuit voltage	V _{oc}	V	40.32	40.50	40.70	40.90	41.10	41.30	Rear	Anti-Salt Mist composite film
Short circuit current	I _{sc}	A	11.25	11.34	11.43	11.52	11.60	11.69	Frame	Anti-Salt Mist 6063T5 aluminum (silver/black)
Module Conversion Eff.	%		19.5%	19.8%	20.0%	20.3%	20.6%	20.9%	Junction Box	IP68
										
									Connector	EVO-2 Compatible
									Cable	1400mm / 4mm ²

* Under Standard Test Condition(1,000W/m²,25°C,AM 1.5): Power Tolerance ±3%
* Module Conversion Eff. (%) = [Max power at STC(w) / ((Solar Module Area(m²) x 1000 (w/m²))] x 100%

Temperature Coefficient

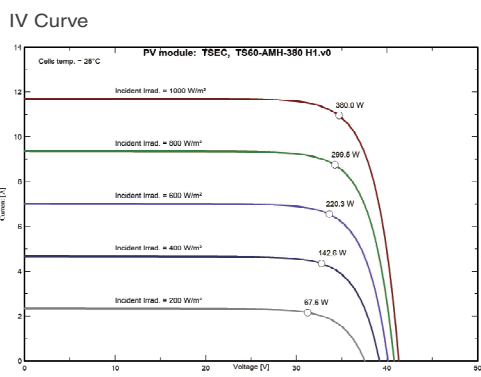
Nominal Operating Cell Temperature	NOCT	°C	45±2
TC I _{sc}	α	%/ °C	0.06
TC V _{oc}	β	%/ °C	- 0.31
TC P _{max}	γ	%/ °C	- 0.38

Operation Conditions

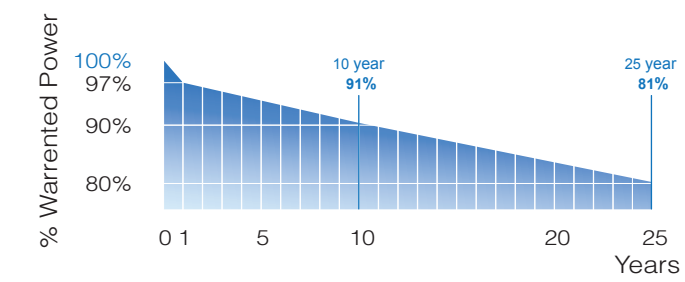
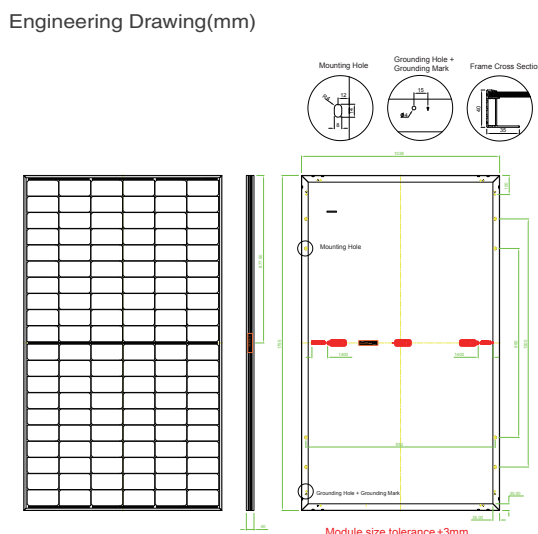
Max. system voltage	1500V
Module fire resistance class	Class C
Protection Class (IEC 61140)	Class II
Series fuse rating	20 A
Number of bypass diodes	3
Temperature range	-40 to +85°C
Max. mechanical load	5400 pa(front side) 3600 Pa(rear side)

Module Dimensions and Weight

Dimension	1755x 1038 x 40 mm
Weight	20.5 Kg



- ### Certifications
- IEC 61215:2016、IEC 61730-1:2016 & IEC 61730-2:2016
 - ISO 9001:2015 Quality management system
 - ISO 14001:2015 Environmental management system
 - ISO 45001:2018 Occupational health and safety management system



- ### Warranty
- 12-year materials and workmanship warranty
 - 25-year linear power warranty

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