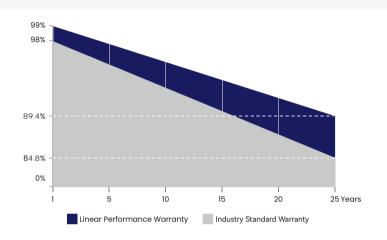


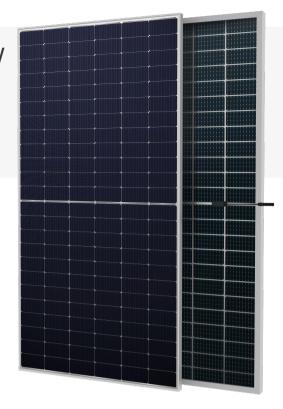
JH-M10DS144C 535~555W

21.48% Efficiency

535~555W (182x182 mm Half-Cut Cell) 144 pcs

N-TYPE Bifacial Silver Frame









KEY FEATURES HIGHLIGHTS







PRODUCT CERTIFICATIONS



Production process reliability test electro-luminance inspection



AR coating tolerance and lower resistive loss



Excellent Durability resistantto salt mist, ammonia, dust and sand, snail trail.



Reduce BOS cost increase ROI Low temp coefficient (PMax) for higher output



Wide Applications Durability against Extreme Environmental Conditions



Lower Losses Multi Busbar Technologyfor better Light trapping

JH-M10DS144C 535~555W



Electrical parameters at Standard Test Conditions (STC*) & Nominal Operating Cell Temperature (NOCT*)							
Module Type	535W / 399.9W	540W / 403.6W	545W / 407.4W	550W / 411.1W	555W / 414.8W		
Test Environment	STC / NOCT						
Power output tolerances Pmax(W)	(0,+5)	(0,+5)	(0,+5)	(0,+5)	(0,+5)		
Module efficiency(%)	20.71	20.90	21.10	21.29	21.48		
Voltage at Pmax Vmpp(V)	41.50 / 38.55	41.65 / 38.69	41.80 / 38.83	41.95 / 38.97	42.10 / 39.11		
Current at Pmax Impp(A)	12.90 / 10.38	12.97 / 10.43	13.04 / 10.49	13.12 / 10.56	13.19 / 10.61		
Open-circuit voltage Vco(V)	49.35 / 46.40	49.50 / 46.54	49.65 / 46.68	49.80 / 46.82	49.95 / 46.97		
Short-circuit current Ico(A)	13.78 / 11.14	13.85 / 11.20	13.92 / 11.25	13.98 / 11.31	14.04 / 11.35		

^{*}STC: 1000 W·m-2 irradiance, 25°C cell temperature, AM 1.5 spectrum according to EN 60904-

3.

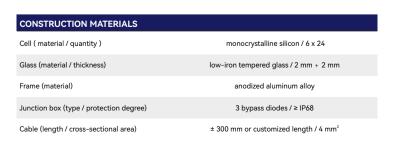
GENERAL CHARACTERISTICS	
Dimensions (L / W / H)	2278 mm / 1134mm / 30 mm
Weight	31.7 kg

PACKAGING SPECIFICATIONS	
Number of modules per pallet	36
Number of pallets per 40' container	20

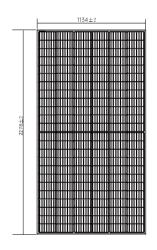
THERMAL CHARACTERISTICS					
Nominal operating cell temperature	NOCT	°C	45 ± 2		
Temperature coefficient of P _{max}	γ	%/°C	-0.35		
Temperature coefficient of Voc	β	%/°C	-0.27		
Temperature coefficient of Isc	α	%/°C	0.048		

^{*}NOCT: open-circuit module operation temperature at 800 W·m-2 irradiance, 20°C ambient temperature, 1 m·s-1 wind speed.

		1500 VDC	
		25 A	
		- 40°C to 85°C	
		5400 Pa	
		2400 Pa	
city)		25 mm / 23 m·s ⁻¹	
/ITH TWO OR MORE	E STRINGS IN		



BACK VIEW (Units: mm)







Warning: Read the Installation and User Manual in it's entirety before handling, installing and operating Solar modules.











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^{*}NOCT: open-circuit module operation temperature at 800 W·m-2 irradiance, 20°C ambient temperature, 1 m·s-1 wind speed.