ADITYA CLEAN ENERGY SYSTEMS (P) LIMITED

ADITYA NAMAH !!

Mono Crystalline

ACES48M-200W

Electrical Characteristics		
Maximum Power (Pmax)	200 Wp	
Voltage at Pmax (Vmp)	24.5 V	
Current at Pmax (Imp)	8.18 A	
Short Circuit Current (Isc)	8.88 A	
Open Circuit Voltage (Voc)	30.30 V	
Temperature coefficient of Current	0.06±0.01 %/K	
Temperature coefficient of Voltage	-78±10 mV/K	
Temperature coefficient of Power	-0.5±0.05 %/K	
Fill Factor	74.48%	
Maximum System Voltage	1000V	

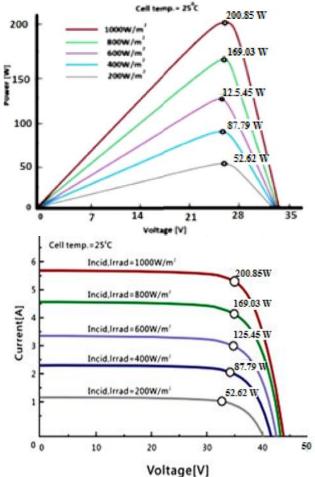
Mechanical Characteristics		
Junction Box Type	IP65 Rated 4 Terminal JB with By-pass Diode, PPO	
Connectors & Cables	4 mm^2 cable of Length 900 mm with MC4 Connectors	
Construction	Front: High Transmission > 91.5 % Glass Encapsulant: EVA Rear: Tedlar	
Glass	High Transmission > 91.5 % Low Iron 3.2 mm	
Frame	Anodized Aluminum Alloy	

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Other Specifications		
Cell Type	Mono Crystalline	
Cell Efficiency	>17.8 %	
Number of cells & Array Type	54 (6x9)	
Size of Module (mm)	1320x992x35	
Weight	15.0 Kg	

Quality and Safety		
Quality Certification	IEC 61215 and IEC61701	
Electrical Safety	IEC61730-1 and 2	
Safety Class	II	
Warranty	IFC 60904-2 and	

- 25 year limited warranty on power output & 5 years product warranty
- 10 years: 90% minimum performance,25 years: 80% minimum performance



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