

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

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	IEC 60904-2 and

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

