

Electrical Characteristics

STC Power Rating P_{mp} (W)	175
Open Circuit Voltage V_{oc} (V)	44.1
Short Circuit Current I_{sc} (A)	5.22
Voltage at Maximim Power V_{mp} (V)	36.5
Current at Maximim Power I_{mp} (A)	4.79
Panel Efficiency	13.7%
Fill Factor	76.0%
Power Tolerance	-3.00% ~ 3.00%
Maximum System Voltage V_{max} (V)	1000
Maximum Series Fuse Rating (A)	

Temperature Coefficients

Temperature Coefficiency of I_{sc}	0.100 %
Temperature Coefficiency of V_{oc}	-0.38 %
Temperature Coefficiency of P_{mp}	-0.07 %

Mechanical Characteristics

Cell Type	Monocrystalline Cell
Cell Size(mm)	
Cells	72
Dimensions	1580.0 × 808.0 × 40.0mm (31.8 × 62.2 × 1.6 inch)
Weight	14.8Kg (32.6 lbs)
Junction Box (Safety Rating, Bypass Diodes)	
Positive Cable (Length, Cable Cross-Section)	
Negative Cable (Length, Cable Cross-Section)	
Plug Connector (Type, Safety)	cable
Front Cover (Thickness,Material)	
Backsheet Cover (Color, Thickness, Material)	
Encapsulation Materials	
Frame Material	aluminum