



Half Cut Cell  
Technology



9BB Technology



An Low LID  
Performance



Less Hot Spot  
Shading Effects



Low Power  
Temperature  
Coefficient



Lower BOS & LCOE

### Electrical Parameter at STC<sup>#</sup>

WATT	425
EFF.	19.46
VOC	48.53
ISC	11.19
VMP	40.47
IMP	10.51

### Electrical Parameter at NOCT<sup>#</sup>

WATT	317.68
VOC	44.75
ISC	9.07
VMP	37.31
IMP	8.51

### Temperature coefficients (TC) & Permissible Operating Conditions

Temperature Coefficients	
Tc of Open Circuit Voltage ( )	-0.372 % / °C
Tc of Short Circuit Current ( )	0.039 % / °C
Tc of Power ( )	-0.52 % / °C
Maximum System Voltage	1500 V DC
NOCT	45 °C ± 2 °C
Operations Temperature Range	-40 °C to +85 °C

### Guarantees and Certifications

Product Warranty**	10 Years
Performance Warranty**	Guaranteed Output power :- 90% for 10 years, 80% for 25 years
Approvals & Certificates	ISO 9001:2015/ ISO 14001:2015/ OHSAS 18001:2007

### Mechanical Specification

Cells	144 Pcs Mono-crystalline silicon, 166mm Twin Peak
Cell encapsulation	Ultra-PID Resistant & Weather Stable EVA
Back Sheet	(Ethylene-Vinyl-Acetate) Fluoro based UV & Weather Stable White Backsheet
Frame	Silver Anodised Aluminum Alloy (Screwless)
Weight	25kg
Junction Box	IP68 , 3 Diode
Glass	3.2 mm, High transmission, ARC Glass
Cable & Connectors	Cable 300 mm length, 4mm <sup>2</sup> MC4, Compatible Connectors
Application Class	Class A
Electrical Safety	Class II
Fire Safety	Class C (Type 1)
Mechanical Load Test	5400 Pa-Front ; 2400 Pa-Back
Maximum Series Fuse Rating	20 A
Length × Width × Height	2076mm X 1038mm X 40mm

