PERFORMANCE UNDER STANDARD TEST CONDITIONS (STC)

	30	40W	50	60W	70	80W	100W	125W	150W	200W
Nominal Maximum Power (Pmax)							
Optimum Operating Voltage (Vmp)	18.90	18.90	18.90	18.90	18.90	18.90	28.35
Optimum Operating Current (Imp)	1.96	2.12	2.65	3.18	3.97	4.24	5.30	6.62	7.94	7.06
Open Circuit Voltage (Voc)	22.64	22.64	22.64	22.64	22.64	22.64	33.97
Short Ciruit Current (Isc)	2.09	2.26	2.83	3.39	4.24	4.52	5.66	7.07	8.48	7.54

Mechanical Specifications

	30	40W	50	60W	70	80W	100W	125W	150W	200W
Dimensions (LxWXT mm)	440x670x33	620x670x33	800x670x33	1050x670x33	1220x670x33	1480x670x33	1300x985x33
Weight(kg)	3.82	4.61	6.91	8.6	10.6	12.86	16.7
No Of Cell	36	36	36	36	36	36	54
Cell Arrangement	9x4	9x4	9x4	9x4	9x4	9x4	9x6
Front Cover (Tempered Glass)	3.2mm	3.2mm	3.2mm	3.2mm	3.2mm	3.2mm	3.2mm
Encapsulate	(EVA) Ethylene Vinyl Acetate Sheet						
Back Cover	Composite sheet						
Junction Box with Bypass Diode	3 terminal	3 terminal	3 terminal	3 terminal	3 terminal	3 terminal	4 terminal
Mounting Holes Pitch (Y)-mm	110	155	200	263	305	370	325
Mounting Holes Pitch (X)-mm	640.4	640.4	640.4	640.4	640.4	640.4	955.4

BACK VIEW   SIDE VIEW
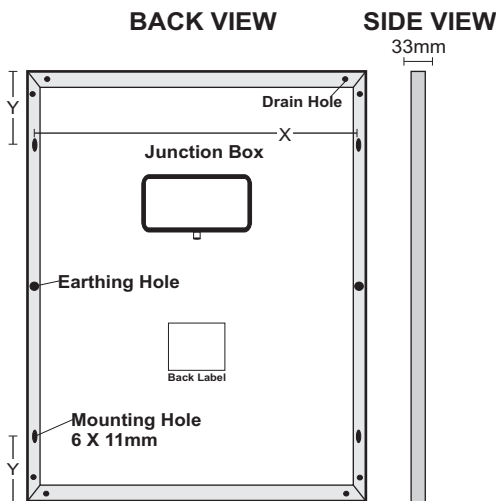
*All dimensions are in mm with +/-1% tolerance.

APPLICATIONS

- Solar Street Lights
- Solar Telecom Solutions
- Electric Vehicle Charging Station
- Roof Top Solutions
- Rural Electrification

MAXIMUM OPERATING CONDITIONS

Operating Temperature:	-40ºC to +85ºC
Maximum System Voltage:	1000V
NOCT	45 ± 2º/C

TEMPERATURE COEFFICIENTS

Current Temperature Coefficients α(Isc) :	0.05%/C
Voltage Temperature Coefficients β(Voc) :	(-0.33%/C)
Power Temperature Coefficients Υ(Pmax) :	(-0.38%/C)