

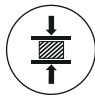
Half Cut Cells Are More Physically Durable, More Resistant To Cracking Reduce Power Loss increase module efficiency (Mono-Perc efficiency up to 21.51 %)



10BB/12BB instead of 5BB/9BB Technology decreases the distance between bus bars and finger grid line which is benefit to power increase.



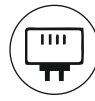
Higher lifetime Power Yield 2.0% first year degradation, 0.55% linear degradation



Strengthened Mechanical Support 5400 Pa snow load, 2400 Pa wind load



Quality and Reliability assurance in standard weather condition



IP68, IP67 for Long Term Endurance



27 Years Performance Warranty

	Bifacial				Dual Glass	
Model	UTL 500-132BM	UTL 520-144M	UTL 530-144M	UTL 540-144M	UTL 555-144GM	UTL 600-156BM
Electrical Characteristics at STC						
Maximum Power (Pmax) Mono Perc	500W	520W	530W	540W	555W	600W
Open Circuit Voltage (Voc)	45.27	48.78	49.10	49.39	49.95	53.82
Short Circuit Current (Isc)	13.60	13.58	13.59	13.60	13.61	13.73
Voltage at Maximum Power (Vmp)	38.86	40.10	40.47	40.64	41.30	46.12
Current at Maximum Power (Imp)	12.87	12.97	13.10	13.29	13.44	13.01
Module Efficiency (%)	20.86	20.15	20.54	20.93	21.51	21.48
Operating Temperature	-40°C to +85°C					
Maximum System Voltage (VDC)	1500					
Fire Resistance Rating	Class C(IEC 61730)					
Maximum Series Fuse Rating	30A					

STC: Irradiance 1000W/m2, Cell temperature 25°C, AM1.5

Mechanical Characteristics			
Cell type	Mono Perc 10BB		
Number of cells	132	144	156
Module dimensions (LXWXT) (MM)	2115x1133x35	2277x1133x35	2463x1134x35
Weight (Kg Approx)	23.5	28	31.5
Front cover	ARC, Low iron, Tempered glass		Low iron, Semi Tempered glass
Frame	Anodized aluminum alloy		
Junction box	IP68, IP67, IP65, 3 Diodes, Split Junction Box		
Connector	MC4 compatible		

Temperature Characteristics	
Nominal Operating Cell Temp. (NOCT)	46°C±2°C
Temperature Coefficients of Pmax	-0.40%/°C
Temperature Coefficients of Voc	-0.32%/°C
Temperature Coefficients of Isc	0.04%/°C

WARRANTY

Power Degradation 2% in First year and <0.55%/year from 2 to 27 years

*Standard Test Conditions [STC] -1000 W/m2 irradiance, Air Mass 1.5 and 25°C cell temperature. Nominal Operating Cell Temperature (NOCT) - 800 W/m2 irradiance, Air Mass 1.5, Ambient temperature 20°C and Wind speed 1 m/s. Average power reduction of 4.5% at 200 W/m2 as per IEC 60904-1. Measuring Uncertainty ± 3%.

Note :-

- The specifications included in this datasheet are subject to change without notice.
- The electrical data given here is for reference purpose only.
- Please confirm your exact requirements with the sales representative while placing your order.

LINEAR GRAPH

