

Anekarth

Mono-crystalline Solar Modules

Anekarth

PRODUCT | KEY FEATURES



AR Coated Tempered Glass
Anti-Reflective Module Surface



Excellent Module Efficiency
Greater than 19%



Positive Power Tolerance
Up to 5W



100% EL Tested
High PTC rating



Ip67 Junction Box
for Long Term Endurance



Quality and Reliability assurance
in standard weather condition



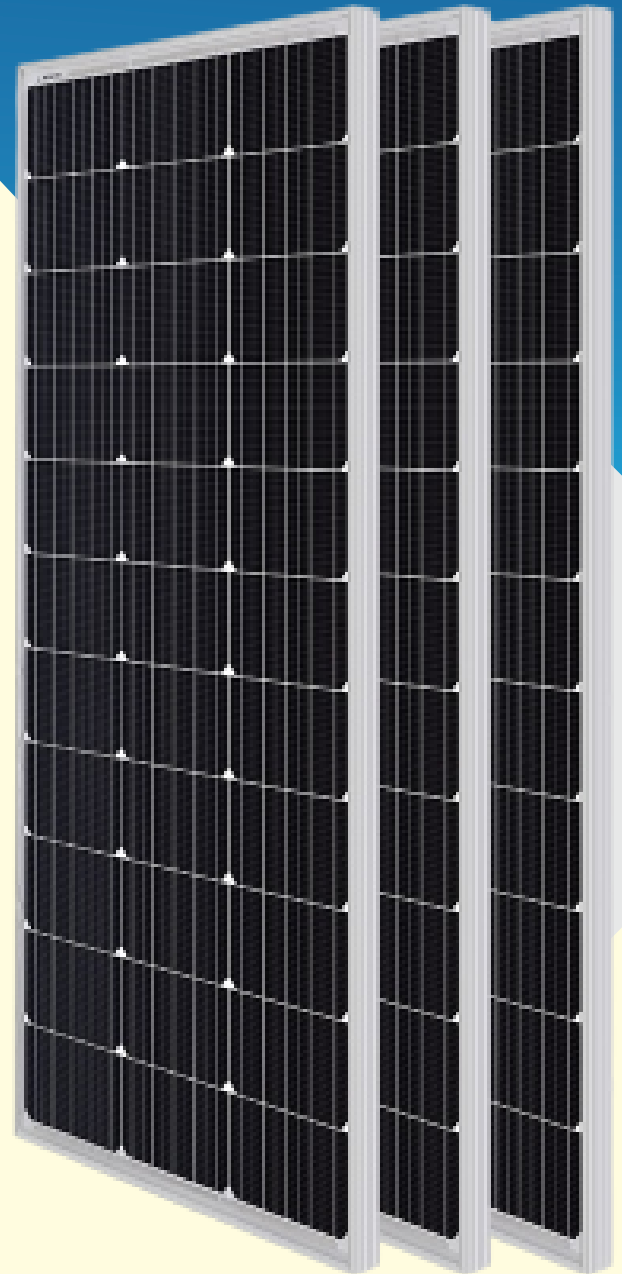
Industry leading linear power
output warranty



Product warranty on
materials and workmanship

APPLICATIONS

- On-grid Large scale utility systems
- On-grid Rooftop residential, commercial and industrial roof top installations
- Off-grid residential systems
- Solar pumping applications



THE INDUSTRY'S BENCHMARK

Anekarth Solar is an internationally renowned leading solar energy cost effective befitting solutions provider having core competency in high efficiency PV module manufacturing and providing wide range EPC solutions. PV modules are the best in class in terms of power output and long-term reliability.

MADE IN INDIA

ANEKARTH SOLAR MONO PANEL TECHNICAL DATA SHEET

Module Type	Mercury		Mars				Venus			Earth	
ELECTRICAL PARAMETERS											
Pmax(W)	10	20	40	50	60	90	125	180	260	320	385
Voc(V)	21.4	21.4	22.68	22.68	22.68	22.68	22.68	22.68	30.24	37.8	45.36
Isc(A)	0.63	1.25	2.58	3.23	3.88	5.82	8.08	11.09	11.15	11.93	11.96
Vmp(V)	17.7	17.7	18	18	18	18	18	18.88	25.44	31.2	37.44
Imp(A)	0.57	1.15	2.23	2.78	3.34	5.00	6.95	9.54	10.23	10.26	10.29
Eff(%)	>12		>14				>19			>19	
Tolerance(+%)	3	3	3	3	3	3	5	5	5	5	5
TEMPERATURE											
TkVoltage	-0.36%/k		-0.36%/k				-0.36%/k			-0.36%/k	
TkCurrent	-0.36%/k		-0.36%/k				-0.36%/k			-0.36%/k	
TkPower	-0.36%/k		-0.36%/k				-0.36%/k			-0.36%/k	
Maximum System Voltage(V)	NA	NA	600	600	1000	1000	1000	1000	1000	1000	1000
Temperature range	-40°C to +85°C										
MECHANICAL PARAMETERS											
Module Width - W(mm)	305	350	665	665	665	665	665	665	985	985	985
Module Height - H(mm)	355	475	430	465	550	785	1005	1485	1485	1965	1965
Module Thickness - T(mm)	22	22	34	34	34	34	34	34	35	35	35
Number of cells	36	36	36	36	36	36	36	36	60	72	72
Module Weight(kgs)	1.4	2.0	3.5	3.7	4.4	6.4	7.5	11.3	18.3	23.8	23.8
Mounting Hole Dimensions(mm)	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
Mounting hole (X-axis)(mm)	242	312	635	635	635	635	635	635	950	950	950
Mounting hole (Y-axis)(mm)	177.5	237.5	215	233	275	393	503	743	743	983	983
Junction Box	IP 65		IP 65 1 Bypass diode				IP 65 2 Bypass diode			IP 65/67 3 Bypass diode	
Diode Rating			6A	6A	6	6A	10A	10A	20A	20A	20A
WARRANTY											
Product Warranty	10 Years Warranty										
Performance Warranty	Guaranteed power output 90% first 10 years and 80% for 25 years										
PACKING DETAILS											
Ply in Single			3	3	3	3	3	5	5	5	5
Ply In Master	5	5	5	5	5	5	5	5	5	5	5
Total number of Modules in Master	5	5	5	5	5	5	5	2	2	2	2

 **Anekarth Solar Pvt. Ltd.**

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