

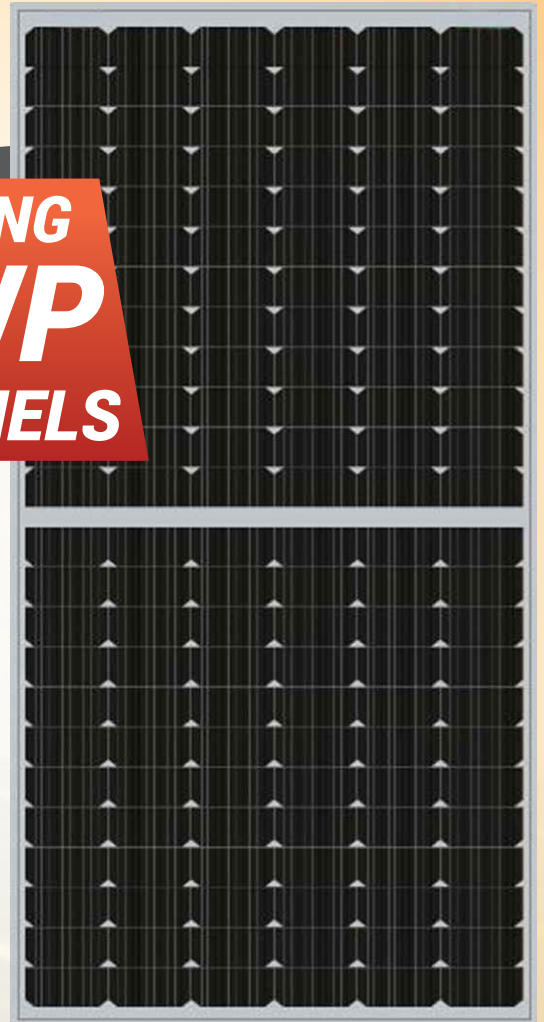


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550 WP
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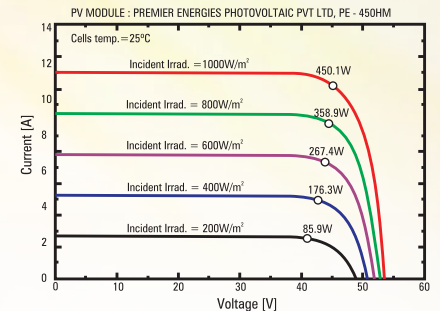
ABHISHEK SOLAR INDUSTRIES PVT. LTD.

SOLAR PV MODULE - 156 HALF CUT MONO PERC CELL RANGE : 555 - 595 WP

ELECTRICAL CHARACTERISTICS (STC)

Module Type	AS555 M156	AS560 M156	AS565 M156	AS570 M156	AS575 M156	AS580 M156	AS585 M156	AS590 M156	AS595 M156
Maximum Power (Pmax)	555	560	565	570	575	580	585	590	595
Maximum Voltage (Vmp)	45.04	45.1	45.17	45.25	45.31	45.36	45.4	45.45	45.49
Maximum Current (Imp)	12.33	12.42	12.51	12.6	12.7	12.8	12.9	12.99	13.09
Open Circuit Voltage (Voc)	53.3	53.36	53.4	53.45	53.5	53.55	53.6	53.66	53.68
Open Circuit Current (Isc)	13.17	13.26	13.35	13.44	13.54	13.64	13.74	13.83	13.9
Module Efficiency (%)	19.88	20.05	20.22	20.4	20.59	20.78	20.96	21.13	21.31

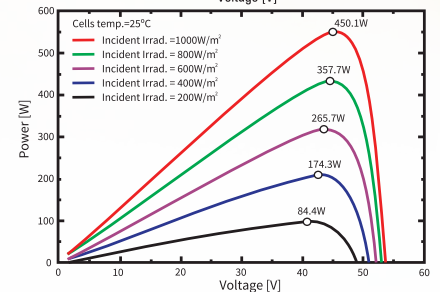
STC : Irradiance 1000W/m², 25°C Cell Temperature and AM 1.5



ELECTRICAL CHARACTERISTICS (NOCT)

Module Type	AS555 M156	AS560 M156	AS565 M156	AS570 M156	AS575 M156	AS580 M156	AS585 M156	AS590 M156	AS595 M156
Maximum Power (Pmax)	410	414	418	422	426	430	434	438	442
Maximum Voltage (Vmp)	41.28	41.35	41.4	41.45	41.5	41.55	41.6	41.65	41.7
Maximum Current (Imp)	9.94	10.02	10.11	10.19	10.27	10.36	10.44	10.52	10.6
Open Circuit Voltage (Voc)	48.85	48.9	48.95	49	49.05	49.1	49.15	49.22	49.3
Open Circuit Current (Isc)	10.68	10.76	10.84	10.92	11	11.08	11.15	11.23	11.3
Module Efficiency (%)	14.67	14.82	14.96	15.1	15.25	15.39	15.53	15.68	15.82

NOCT : Irradiance 800W/m², Ambient Temperature 20°C and Wind Speed 1m/s

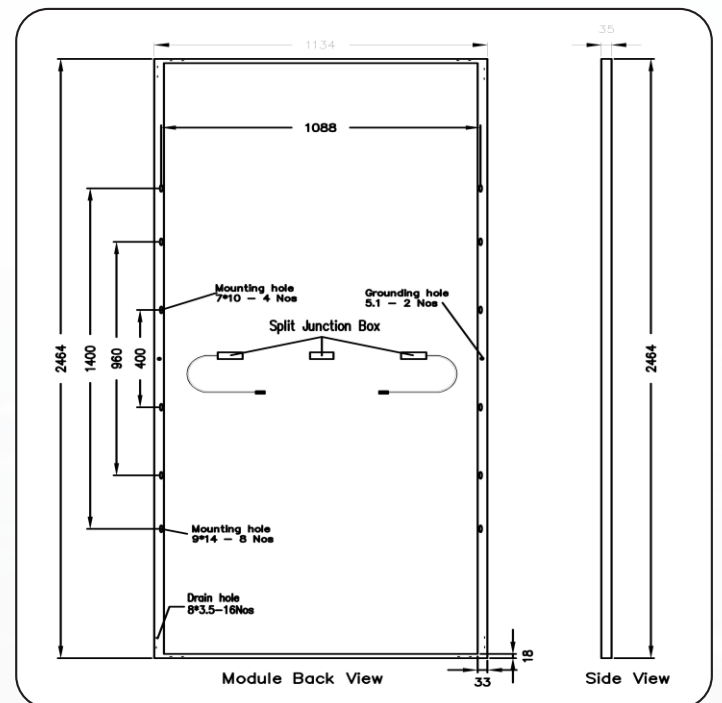


MODULE MECHANICAL DATA

Module Dimensions	2464mm(L) X 1134mm(W) X 35mm(H)
Weight	32 Kg
Solar Cell Type	Mono Perc - 91mm X 182mm
Front glass	3.2mm, Low Iron, High Transmission, Tempered Glass, ARC Coated
Frame	Anodized aluminium Frame
Junction Box	IP 68 Split Junction Box
Cable	500 mm Length cable, 4mm ²
Connector	Mc4 Compatible

TEMPERATURE CHARACTERISTICS

Current-temperature coefficient at short circuit, %/°C:	0.05
Voltage-temperature coefficient at open circuit, %/°C:	-0.31
Power-temperature coefficient at maximum power, %/°C:	-0.35
Nominal operating cell temperature (NOCT), °C:	45±2°C
Maximum Series Fuse Ratings	25A
Temperature Range	-40°C to 85°C
Maximum System Voltage	1500 V



10 YEARS PRODUCT WARRANTY

25 YEARS WARRANTY FOR LINEAR OUTPUT