

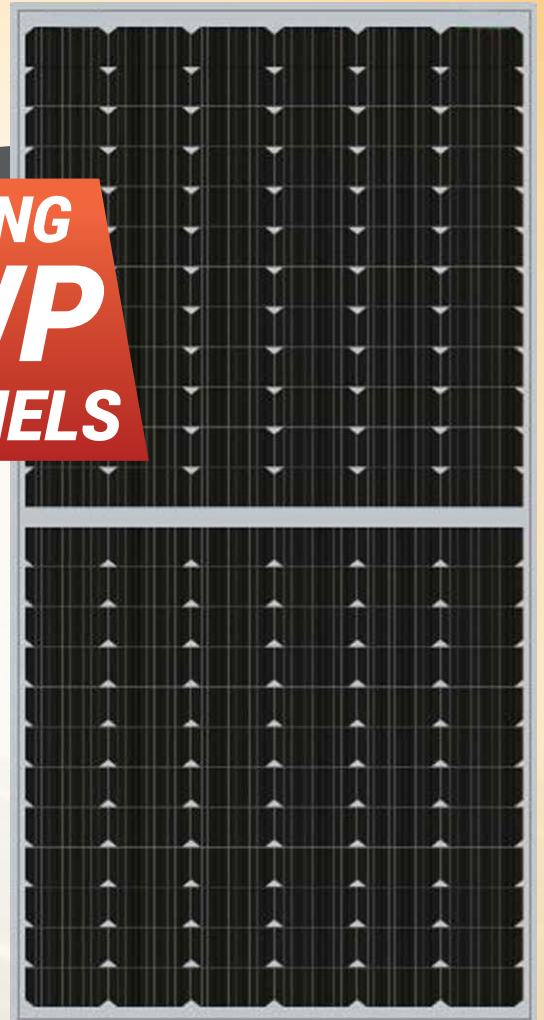


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INTRODUCING
550 WP
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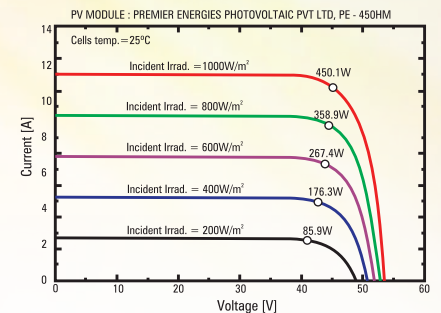
ABHISHEK SOLAR INDUSTRIES PVT. LTD.

SOLAR PV MODULE - 108 HALF CUT MONO PERC CELL RANGE : 370 - 400 WP

ELECTRICAL CHARACTERISTICS (STC)

Module Type	AS370 M108	AS375 M108	AS380 M108	AS385 M108	AS390 M108	AS395 M108	AS400 M108
Maximum Power (Pmax)	370	375	380	385	390	395	400
Maximum Voltage (Vmp)	30.65	30.76	30.9	31.01	31.12	31.2	31.27
Maximum Current (Imp)	12.1	12.21	12.32	12.44	12.56	12.68	12.8
Open Circuit Voltage (Voc)	36.76	36.84	36.92	37	37.08	37.12	37.2
Open Circuit Current (Isc)	12.9	13.01	13.12	13.23	13.36	13.48	13.58
Module Efficiency (%)	18.97	19.21	19.47	19.73	19.99	20.27	20.47

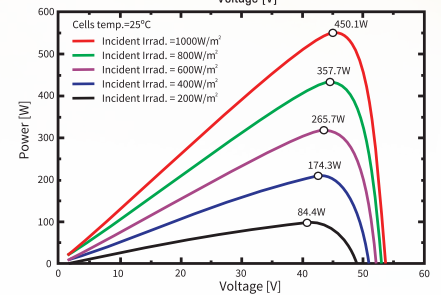
STC : Irradiance 1000W/m², 25°C Cell Temperature and AM 1.5



ELECTRICAL CHARACTERISTICS (NOCT)

Module Type	AS370 M108	AS375 M108	AS380 M108	AS385 M108	AS390 M108	AS395 M108	AS400 M108
Maximum Power (Pmax)	274	277	280	284	288	292	296
Maximum Voltage (Vmp)	28.12	28.19	28.27	28.37	28.48	28.59	28.7
Maximum Current (Imp)	9.75	9.83	9.93	10.03	10.13	10.23	10.32
Open Circuit Voltage (Voc)	34.33	34.37	34.41	34.47	34.54	34.61	34.7
Open Circuit Current (Isc)	10.39	10.48	10.6	10.71	10.82	10.92	11.01
Module Efficiency (%)	14.02	14.17	14.32	14.53	14.73	14.94	15.14

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

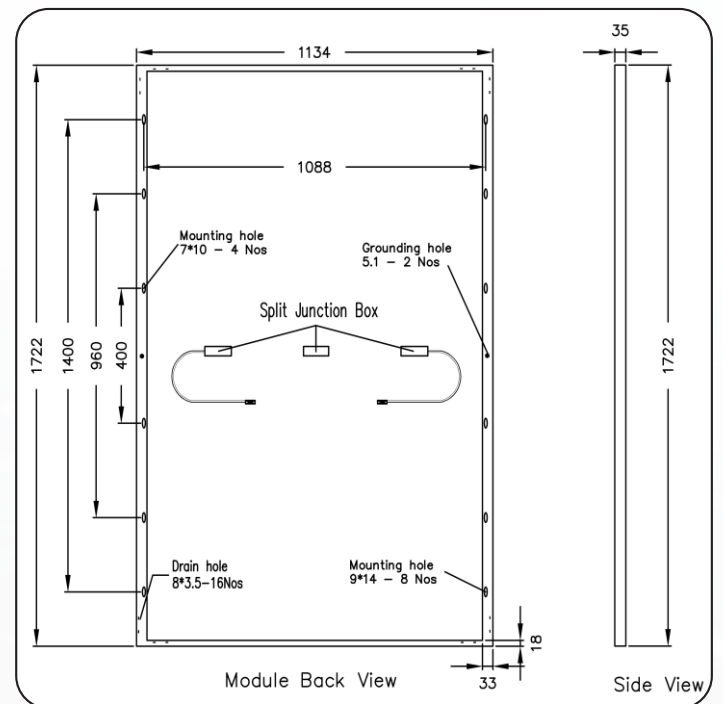


MODULE MECHANICAL DATA

Module Dimensions	1722mm(L) X 1134mm(W) X 35mm(H)
Weight	21 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	1500V



10 YEARS PRODUCT WARRANTY

25 YEARS WARRANTY FOR LINEAR OUTPUT