

MONO PERC MODULE

380W - 405W | 158.75mm

AI-72MG1-380 | 385 | 390 | 395 | 400 | 405



High conversion efficiency due to top quality wafers and advanced cell technology



Selected encapsulating material and stringent production process control ensure the product is highly PID resistant and snail trails free



Sand blowing test, salt mist test and ammonia test passed to endure harsh environments



Optimized system performance due to module level current sorting



Special cell process ensures great performance under low irradiance conditions



Highly transparent self-cleaning glass brings additional yield and easy maintenance



ELECTRICAL DATA STC*

Module Name	AI-72MG1-380w	AI-72MG1-385w	AI-72MG1-390w	AI-72MG1-395w	AI-72MG1-400w	AI-72MG1-405w
Normal Max power(Pmax)	380W	385W	390W	395W	400W	405W
Opt.Operating Voltage(Vmp)	48.90	49.10	49.30	49.50	49.80	51.10
Opt.Operating Current(Imp)	9.75	9.92	10.12	10.23	10.36	10.49
Open Circuit Voltage(Voc)	40.50	40.80	41.10	41.40	41.70	42.00
Short Circuit Current(Isc)	9.39	9.44	9.49	9.55	9.60	9.65
Module Efficiency(%)	19.16	19.42	19.67	19.92	20.17	20.42
Power Output Tolerance(w)	0 ~ + 5 w					

Irradiance 1000W/M², Module Temperature 25°C, Air mass 1.5

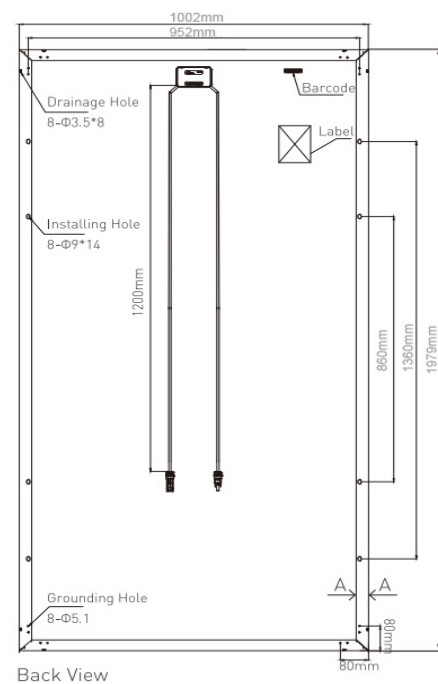
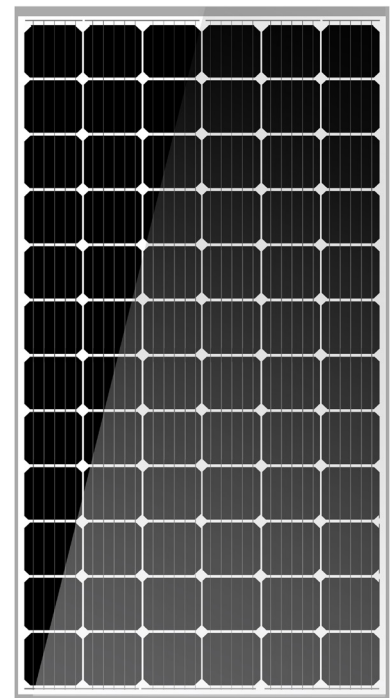
ELECTRICAL DATA NMOT*

Normal Max power(Pmax)	370.75w	374.43w	378.50w	382.22w	385.98w	388.97w
Opt.Operating Voltage(Vmp)	46.10	46.30	46.50	46.70	46.90	47.00
Opt.Operating Current(Imp)	8.50	8.56	8.63	8.69	8.75	8.81
Open Circuit Voltage(Voc)	40.20	40.30	40.50	40.70	40.90	41.10
Short Circuit Current(Isc)	9.00	9.06	9.12	9.19	9.25	9.32

Irradiance 800W/M², Ambient Temperature 20°C, Wind Speed 1 m/s

MECHANICAL DATA

Number of cells	72cells [6x12] Monocrystalline 158.75mm
Dimensions of Modle L*M*H[mm]	1979x1002x40mm[77.91x39.45x1.57 inches]
Glass	High transparency solar glass 3.2mm[0.13inches]
Backsheet	White
Frame	Sliver,anodized aluminium alloy
Junction-Box	IP68 rated
Cable	4.0mm ² [0.006 inches ²],900mm[35.4inches]
Number of diodes	3
Wind of Snow Load	2400Pa/5400Pa*
Connector	MC Compatible
Packaging Configuration	31pieces/pallet,594pcs/40HQ container



I-V CURVES

