eRigid Series Monocrystalline Photovoltaic Modules



*Picture maybe different from actual goods due to cell technology or raw material upgrade.

eRigid M85W

MAIN FEATURES

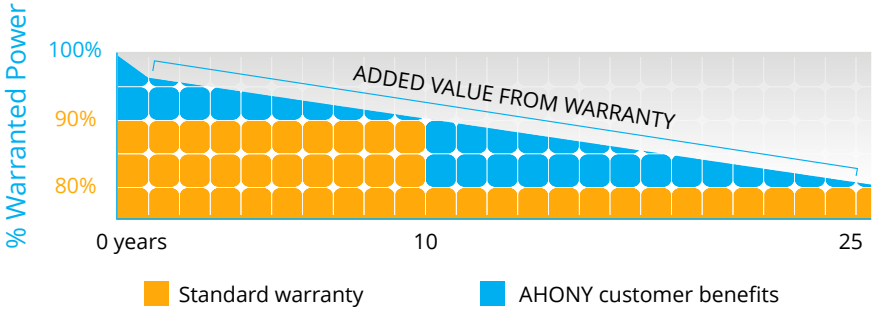
☆ High conversion cell efficiency resulting in superior power output performance
☆ Industry leading module efficiency
☆ Outstanding power output even in low light or high temperature conditions
☆ Tested up to 5400Pa for maximum load resistance
☆ Different designs,shapes to meet various application
☆ Automatically soldering,smooth and better workmanship
☆ Verified resistance against PID effects-PID free

QUALITY,REALIABILITY AND ADDED VALUE

AHONY modules are powered by latest technology solar cell PERC,high performance,reliable.Cell efficiency over 22.5%,all modules are produced under automatically soldering, stringing machine,more solid connection and longer lifespan. Solar industry standard test,with more strict quality control, AHONY insure low defects,high qualified percentage.

5 YEARS WARRANTY, 25 YEARS POWER GUARANTEE*

☆ 5 years quality insured,free replacement,maintenance
☆ 10 years power output more than 90%
☆ 25 years power output more than 80%

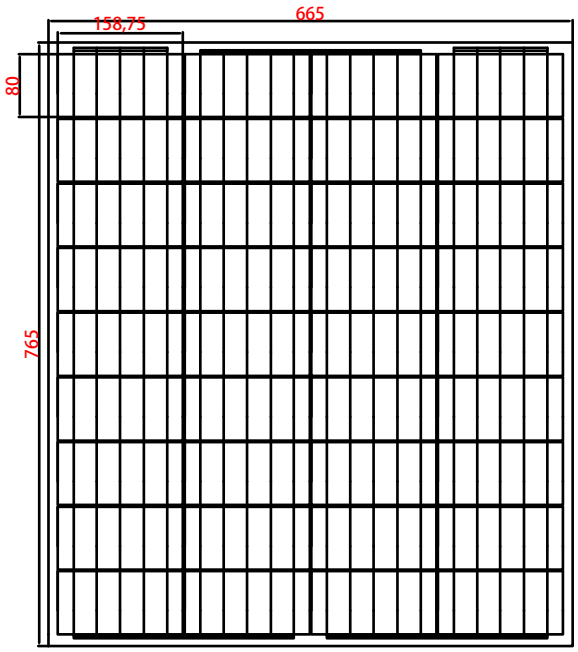


CERTIFICATIONS AND STANDARDS*

*Please refer to our website or ask AHONY workers for certification and warranty details.

eRigid M100W

PHYSICAL CHARACTERISTICS



ELECTRICAL PARAMETERS*

Item	eRigid M50W	eRigid M60W	eRigid M85W	eRigid M100W	eRigid M150W	eRigid M200W
Maximum Power[Wp]	50	60	85	100	150	200
Solar Cell	Monocrystalline solar cell					
Cell Array[Pcs]	4*9	4*9	4*9	4*9	4*9	4*9
Cell Efficiency	22.5%	22.5%	22.5%	22.5%	22.5%	22.5%
Size[mm]	680*400*25	510*680*25	680*655*30	680*765*30	680*1170*30	680*1490*35
Max Power Voltage Vmp[V]	20.52	20.52	20.52	20.52	20.52	20.52
Max Power Current Imp[A]	2.45	2.92	4.14	4.87	7.31	9.75
Open Circuit Voltage Voc[V]	24.15	24.15	24.15	24.15	24.15	24.15
Short Circuit Current Isc[A]	2.57	3.08	4.37	5.14	7.71	10.28
Net.Weight[kg]	3.0	3.2	3.6	4.9	6.2	10.5
NOCT[℃]	46±2	46±2	46±2	46±2	46±2	46±2
Operating Temperature[℃]	-40/+85					
Temp.Coeffi.Pmax[%/℃]	-0.44					
Temp.Coeffi.Voc[%/℃]	-0.33					
Temp.Coeffi.Isc[%/℃]	+0.06					
Max System Voltage[V]	45V DC					
Max Reverse Current[A]	10-15					
Safety Class	A					
Certification	CE,RoHS					
Cables and Connectors	0.9m cable and a pair of MC4 connector					
Standard Test Conditions	STC: 1000W/m², AM 1.5 and cell temp 25°C					

*Please refer to our website or ask AHONY workers for the latest parameters.

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