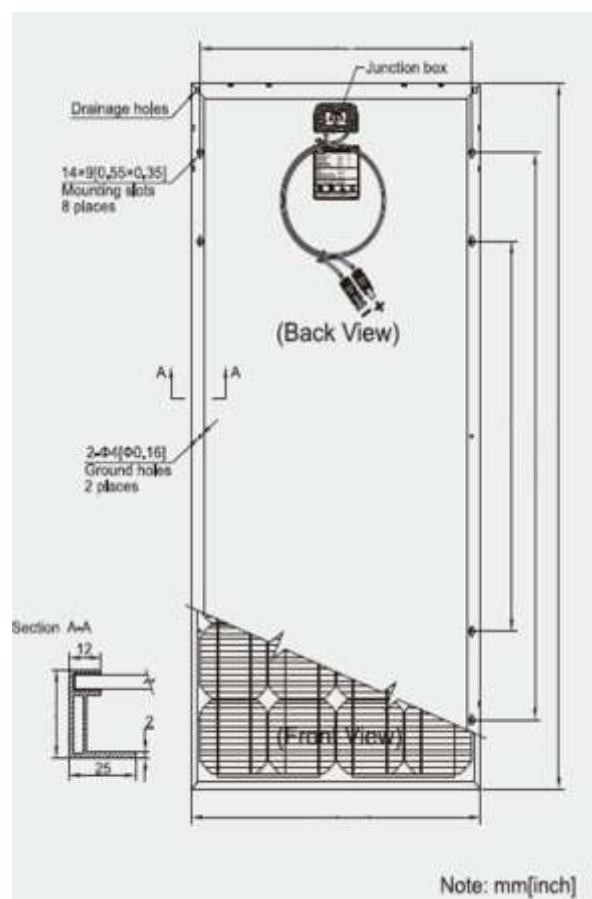


# ZRW GLOBAL SERIES PHOTOVOLTAIC SOLAR PANELS



<b>MODEL</b>	<b>GS-220W</b>
Length(m)	1.634
Width(m)	0.990
Height(m)	45
Weight(kg)	18
Junction Box	1 x Tyco Junction Box with bypass diodes
Cables	Assembled with Tyco-type connectors
Front Substrate	HiT SM, ARC White Glass 3.2mm thick
Encapsulation	EVA-Ethylene Vinyl acetate
Cells	60 Polycrystalline Cells (156x156mm)
Back substrate	Composite sheet Tedlar or APA
Frame	45mm Aluminium Profile



<b>OPERATIONAL ENVELOP</b>	
Temperature Range	-40°C to +85°C
Hail Resistance	25mm @80km/h
<b>CERTIFICATION</b>	
IEC61215	EN6170
ISO9001	CE, RoHRS
<b>WARRANTY</b>	
Terrestrial	25 Years



## Other Products in the ZRW Range



Solar Panels



Inverters



Solar Streetlights



Solar Batteries



Solar Pumps



Accessories



Solar Controllers



LED lights

# ZRW GLOBAL SERIES PHOTOVOLTAIC SOLAR PANELS



## ELECTRICAL AND GEOMETRIC SPECIFICATION FOR OTHER MODELS IN THE SERIES

Model	Power	panel size(mm) HxWxD	(Vmp) (A)	Imp (A)	Voc (V)	Isc (A)	Cell array
GS-10W	10W	320*350*23	17.4v	0.58	22.3	0.63	2*18
GS-15W	15W	410*350*23	17.5v	0.86	22.2	0.95	2*18
GS-20W	20W	550*350*23	17.4v	1.15	22.1	1.26	2*18
GS-40W	40W	540*670*30	17.5v	2.29	21.7	2.52	4*9
GS-50W	50W	640*670*30	18V	2.78	22.19	3.16	4*9
GS-100W	100W	1480*680*35	17.2v	6.4	22.23	7.04	4*9
GS-220W	220W	1634*990*45	29.5v	7.46	36.6	8.21	6*10

Voltage Temperature Correction	-0.45%K
Current Temperature Correction	0.07%K
Power Temperature Correction	-0.46% K
NOCT	45 °C
STC	1000 W/m <sup>2</sup> , AM1.5, 25 °C
Vmp= Voltage @ maximum power Imp = Current @ maximum power	Voc = Open circuit voltage Isc = short circuit voltage

Please note that specifications may change without notice due to ongoing product development



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