

Model	ZECO-60L9-390W	ZECO-54X10-410W	ZECO-7219-450W	ZECO-72X10-550W
<b>STC-Electrical Characteristics</b>				
Maximum Power (Pmax/W)	390W	410W	450W	550W
Dimension (L×W×H)	1755*1038*30mm	1722*1134*30mm	2094*1038*30mm	2279*1134*35mm
Open-circuit Voltage (Voc/V)	36.4	37.2	49.3	50.2
Maximum Power Voltage (Vmp/V)	30.9	31.7	42.11	42.6
Short-circuit Current (Isc/A)	13.40	13.60	11.35	13.84
Maximum Power Current (Imp/A)	12.60	12.92	10.69	13.03
Module Efficiency (%)	19.97	21.00	20.70	21.48
Temperature Coefficient of Isc	0.05%/°C -0.31%/°C -0.35%/°C			
Temperature Coefficient of Voc				
Temperature Coefficient of Pmax				
Standard Test Environment : Irradiance 1000W/m2 , Cell temperature 25°C, Spectrum AM1.5				
<b>NOCT-Electrical Characteristics</b>				
Maximum Power (Pmax/W)	290	305	335	409
Open-circuit Voltage (Voc/V)	34.1	34.9	46.2	47.1
Maximum Power Voltage (Vmp/V)	29.0	29.8	39.5	39.8
Short-circuit Current (Isc/A)	10.79	10.99	9.17	11.13
Maximum Power Current (Imp/A)	10.01	10.25	8.48	10.29
Standard Test Environment : Irradiance 800W/m2 , Ambient temperature 20°C, Spectrum AM1.5, Wind speed 1m/s				
<b>Mechanical Specification</b>				
Cells Type	Mono 182×91mm	Mono 182×91mm	Mono 166×83mm	Mono 182×91mm
Dimension (L×W×T)	1722×1134×30mm	1722*1134*30mm	2094*1038*30mm	2279*1134*35mm
Weight	22kg	22kg	23.5kg	29kg
Packing	36pcs/pallet, 936pcs/40HQ	36pcs/pallet, 936pcs/40HQ	36pcs/pallet, 792pcs/40HQ	31pcs/pallet, 620pcs/40HQ
Output Cable (Including connector)	4.0mm2, 300/400mm in length, length can be customized	4.0mm2, 300/400mm in length, length can be customized	4.0mm2, Portrait: 300mm(+)/400mm(-) Landscape: 1400mm(+)/1400mm(-)	4.0mm2, 300/400mm in length, length can be customized
No.of Cells	108 (6×18)	108 (6×18)	144 (6×24)	144 (6×24)
Glass	3.2mm High Transmission, Antireflection Coating	3.2mm High Transmission, Antireflection Coating	3.2mm High Transmission, Antireflection Coating	3.2mm High Transmission, Antireflection Coating
Junction box	IP68, 3 Bypass Diodes	IP68, 3 Bypass Diodes	IP68, 3 Bypass Diodes	IP68, 3 Bypass Diodes
Connector	MC4 Compatible	MC4 Compatible	MC4 Compatible	MC4 Compatible
<b>Operating Parameters</b>				
Maximum system voltage	1500V DC	1500V DC	1500V DC	1500V DC
Operating Temperature	-40 ~ +85°C	-40 ~ +85°C	-40 ~ +85°C	-40 ~ +85°C
Maximum series fuse rating	25A	25A	25A	25A
Snow load, frontside	5400Pa	5400Pa	5400Pa	5400Pa
Wind load, backside	2400Pa	2400Pa	2400Pa	2400Pa
Nominal operating cell temperature	45°C±2°C	45°C±2°C	45°C±2°C	45°C±2°C
Application level	Class A	Class A	Class A	Class A