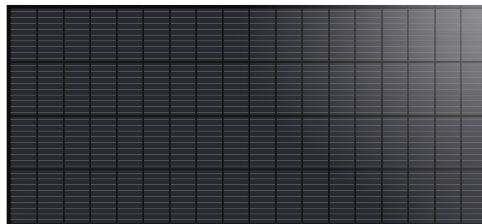


HORIZON

SOLAR PANEL 100W - 300W



Electrical Specifications	100W	135W	170W	200W	200W	300W
Pmax (W)	100	135	170	200	200	300
Vmp (V)	18,0	19,2	19,0	20,4	41,8	37,6
Imp (A)	5,56	7,03	8,95	9,8	4,78	7,98
Voc (V)	21,6	23,0	23,0	24,0	49,0	45,4
Isc (A)	6,1	7,64	9,94	10,66	5,2	8,67
Max. System Voltage (Vdc)	750					1000
Power Tolerance	+/- 3%					
Cell Efficiency	22,7%	23,5%	23,5%	23,5%	23,5%	23,7%

STC (Standard Test Conitions): Irradiance 1000 W/m², Cell temp. 25°C, Air mass 1,5 AM

Dimenstions

Length, mm	1090	1100	1330	1490	1490	1650
Width, mm	510	676	676	676	676	992
Height, mm	35	35	35	35	35	35
Weight, kg	6,5	8,5	10	11	11	18

Mechanical specifications

Cable & Connctetors	90 cm + MC4					
Temperature range	-40°C - +85°C					
Cell type	Monocrystalline PERC					
Number of cells	36			72		
Frame	Black anodized aluminum alloy					
Front	3,2mm tempered low iron anti-reflection glass					
Snow load / Wind load	5400Pa / 2400Pa					
Junction box	IP65 with by-pass diode			IP68 with by-pass diode		
Certifications	CE and RoHS					