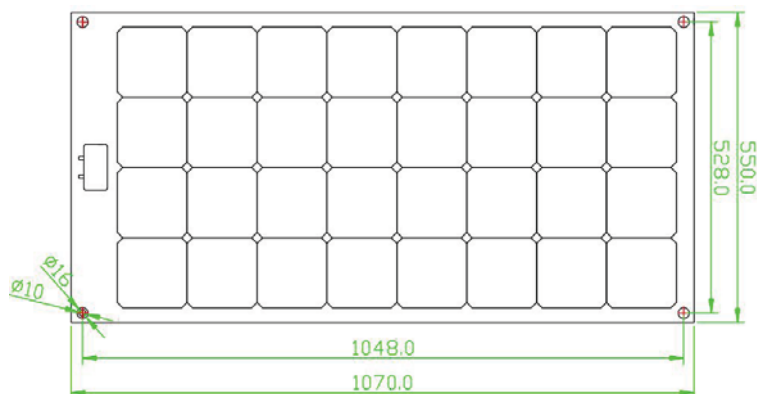




Mechanical Characteristics

Cell Type	SUNPOWER Mono 125×125 mm (5')
Number of Cells	32 (4×8)
Dimension	1070×550×4.5mm
Weight	3.0 kg
Front Material	PET/ETFE
Junction Box	IP65 (Front Set/Back Set)
Connector	MC4 Compatible

Temperature Characteristics

NOCT	45±2℃
Temperature coefficient of Pmax	-0.34%/℃
Temperature coefficient of Voc	-0.30%/℃
Temperature coefficient of Isc	0.05%/℃

NOCT(Nominal Operating Cell Temperature):

Irradiance 800W/m², Ambient temperature 20℃,
 AM 1.5, Wind speed 1m/s

Electrical Characteristics Under STC

Module Type	ESUN90S-32F	ESUN95S-32F	ESUN100S-32F	ESUN105S-32F
Maximum Power-Pmax (Wp)	90	95	100	105
Voltage at Maximum Power-Vmp (V)	17.4	17.6	17.7	17.8
Current at Maximum Power -Imp (A)	5.17	5.40	5.65	5.91
Open Circuit Voltage-Voc (V)	22.2	22.3	22.4	22.5
Short Circuit Current-Isc (A)	5.33	5.62	5.82	6.09
Module Efficiency-η _m (%)	15.29	16.14	16.99	17.84
Power Tolerance (W)	0/+3	0/+3	0/+3	0/+3
Maximum System Voltage	1000VDC (IEC)			
Operating Temperature	-40℃ ~ +85℃			
Maximum Series Fuse	10A			

STC (Standard Testing Conditions) : Irradiance 1000/m², Cell temperature 25℃, AM 1.5

Packing Configuration

Pallet: 33 PCS

20'GP/40'GP: 990 PCS/1980 PCS

Pallet Size: 1140×1130×730 MM

Pallet Gross Weight: 130 KGS



Golf Cart



Electric Motor



Sightseeing Bus



Curved Shed-top