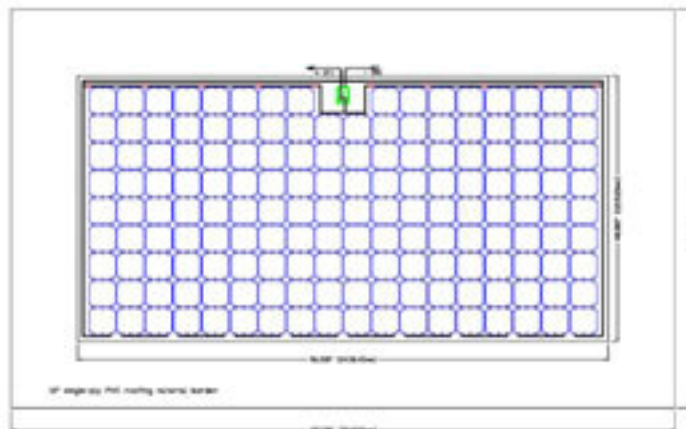


PREMIER SERIES SP480 TECHNICAL SPECIFICATIONS:

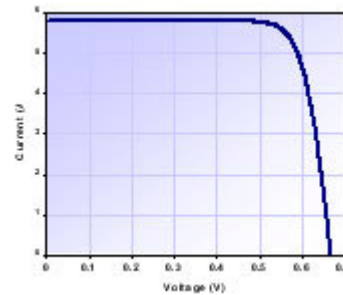
Technology	Building-integrated photovoltaic (BIPV)
Type of solar cell	SunPower A-300
Color availability	Cells: Black on a white background
Roofing applications	Commercial/residential, flat to a low slope: Maximum pitch of 3:12
Size of active solar area	48" x 96"
Module weight (Active solar area)	52 lbs (<1.7 lbs per ft ²)
Cell configuration	160 cells (2 parallel string of 80 cells in series)
Thickness of membrane	0.3075"
Thickness of junction box	0.735"
Total thickness of membrane	1.0425"
Membrane topcoat	Ethylene-tetrafluoroethylene (ETFE)
Connect Type	MC Quick Connects (plug and play)
Wind velocity	Exceeds UL test specifications
Nominal Power (Pmax)	450W
Open circuit voltage (Voc)	53.3V
Short circuit current (Isc)	11.3A
Maximum power voltage (Vmp)	44.5V
Maximum power current (Imp)	10.2A
Bypass diodes	10 embedded diodes

SP 480 Membrane Drawing



TYPICAL CELL OUTPUT CURVE:

*Electrical specifications at Standard Test Conditions: Irradiance of 1kw/m^2 , spectrum of 1.5 air mass and cell temperature of 25 degrees Celsius. Specifications subject to change without notice.



WARRANTY:

20-year material warranty on roofing membranes
5-year limited warranty on workmanship and material
10 –year limited warranty on 90% power output
20-year limited warranty on 80% power output

CERTIFICATIONS:

USA/CANADA - UL 790 & UL1703
Fire Class - Class A
Europe (pending)

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