



HIGH PERFORMANCE MONOCRYSTALLINE SILICON

Sprint™ is a superior, high efficiency, lightweight PV solar panel with an integrated racking system, designed specifically for use on commercial rooftops. Sprint can be installed on many commercial roofs that can't support the weight of conventional solar panels. The installation process for Sprint is up to five times faster than conventional solar panels. The panels' design removes the need for any grounding equipment, eliminating labor costs related to grounding. In addition, if any repairs need to be made to the roof or the solar system needs to be moved for any other reason, the panels are easy to remove and reinstall.



Certifications



Pending

IEC 61215
IEC 61730



More Power

Higher energy output per panel, increasing solar return on investment.



Faster Installation

The ultra-fast install process requires no tools and no grounding, leading to lower labor costs.



30% More Panels Per Roof

Sprint's innovative design allows you to pack more panels on a roof, increasing overall energy output.



60% Lighter

With a weight of 1.8 lbs/ft² (8.78 kg/m²), Sprint is much lighter than conventional solar systems.



Industry Standard Warranty

25 year linear output warranty and 10 year product warranty.

Mechanical Properties

Cells	60 Cells, 6 x 10
Cell type	Monocrystalline
Cell dimensions	156.5mm x 156.5mm
Assembly dimensions (L x W x H)	1646mm x 1012mm x 48mm 64.8in x 39.8in x 1.9in
Weight with integrated racking system	17.24kg / 38lbs
Connector type	MC4
Junction box	IP 65
Max load	Wind: 50 psf, 2400 Pa, front & back Snow: 112 psf, 5400 Pa, front

Certifications and Warranty

Certifications	UL 1703, UL 2703 IEC 61215, 61730, Ammonia, Salt (Pending)
Output warranty	25 year linear warranty
Product warranty	10 years

Temperature Ratings

NOCT	44°C ± 2 °C
Pmpp	-0.427% / °C
Voc	-0.318% / °C
Isc	0.042% / °C

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The specifications in this datasheet are not guaranteed and are subject to change without prior notice.

Electrical Properties (STC)

Model	290	295	300
Maximum power (Pmax)	290W	295W	300W
MPP voltage (Vmpp)	31.89V	32.33V	32.79V
MPP current (Impp)	9.09A	9.13A	9.15A
Open circuit voltage (Voc)	39.19V	39.30V	39.4V
Short circuit current (Isc)	9.68A	9.70A	9.72A
Operating temperature (°C)	-40 to +85		
Maximum system voltage (V)	1000 UL 1000 IEC		
Maximum series fuse rating (A)	20		
Power tolerance (W)	0 to +4.99		

Electrical Properties (NOCT)

Model	290	295	300
Maximum power (Pmax)	210W	214W	218W
MPP voltage (Vmpp)	28.7V	28.95V	29.2V
MPP current (Impp)	7.3A	7.39A	7.47A
Open circuit voltage (Voc)	35.90V	35.99V	36.09V
Short circuit current (Isc)	7.8A	7.85A	7.91A
Efficiency reduction (from 1000W / m ² to 200W / m ²)	<3.5%		

Packaging

Modules per pallet	26 modules (includes racking)
Modules per 40-foot HC container	728 modules (includes racking)