



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 panel's 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



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

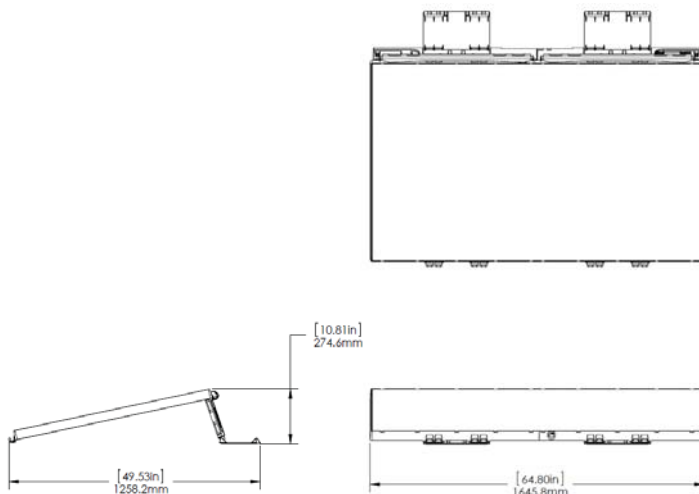
25 year linear output warranty and 10 year product warranty.

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
Ground coverage ratio	0.85 (North-South)
Tilt angle	12 degrees

Certifications and Warranty

Certifications	UL 1703, UL 2703, Class A Fire Rating IEC 61215, IEC 61730, Ammonia Test, Salt Mist Test (Pending)
Output warranty	25 year linear warranty
Product warranty	10 years



Electrical Properties (STC)

Model	280	285
Maximum power (Pmax)	280W	285W
MPP voltage (Vmpp)	31.01V	31.46V
MPP current (Impp)	9.03A	9.06A
Open circuit voltage (Voc)	38.99V	39.09V
Short circuit current (Isc)	9.63A	9.65A
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	280	285
Maximum power (Pmax)	205W	209W
MPP voltage (Vmpp)	28.47V	28.88V
MPP current (Impp)	7.20A	7.22A
Open circuit voltage (Voc)	35.98V	36.07V
Short circuit current (Isc)	7.76A	7.78A
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)

Temperature Ratings

NOCT	46°C ± 2 °C
Pmax	-0.427% / °C
Voc	-0.318% / °C
Isc	0.042% / °C