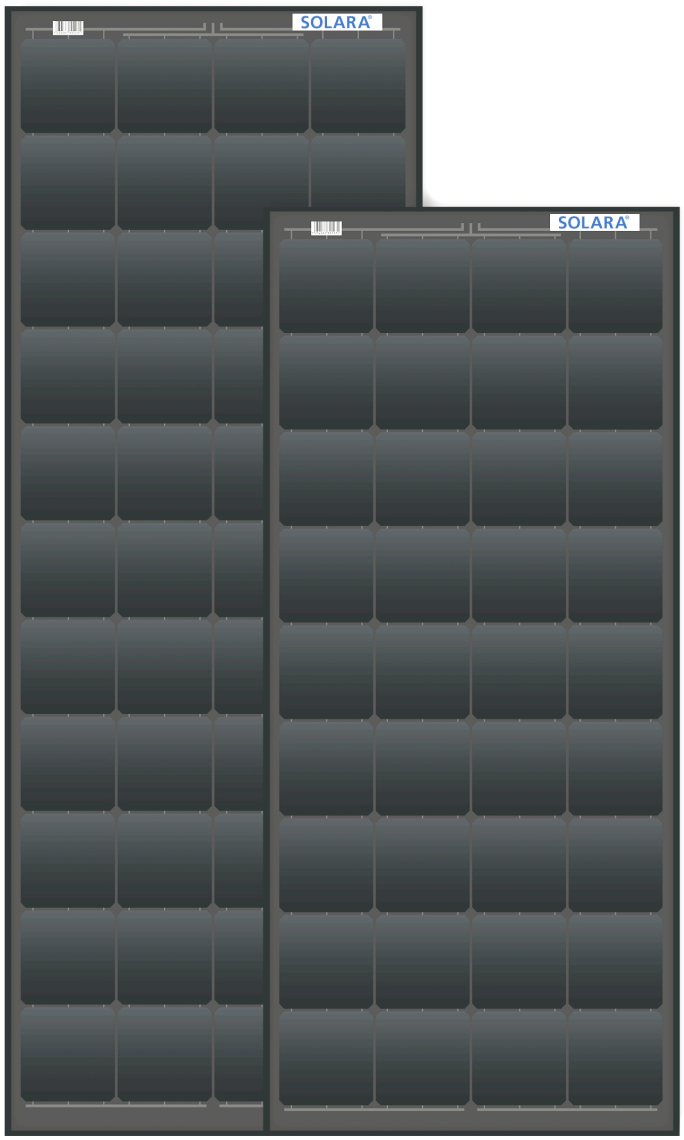
SOLARA®

ULTRA – S Series

Aluminum-Framed Glass Solar Panels

Two sizes: 125 Watt and 160 Watt

SUNPOWER®



Maximum performance – on smallest surface

Improved appearance:

- Elegant and attractive design with black finishing
- Slim shape – for a wide range of applications

Long lifetime even under extreme conditions:

- 3.2 mm, scratch-resistant thermally hardened thin glass
- Excellent mechanical load resistance thanks to its torsion-resistant module frame
- Especially developed for permanent operation at extreme heat as well as high humidity

Performance guarantee*:

- Highest day yield through the use of monocrystalline Back-Contact cells
- Best low-light behaviour
- 5 years product warranty and up to 26 years performance warranty
- Manufactured exclusively in Germany:

Coastal Climate Control, Inc.
www.CoastalClimateControl.com - info@CoastalClimateControl.com
301-352-5738 - Annapolis MD USA

Slight colour variation of modules is possible due to specific conditions in production.

TÜVRheinland CERTIFIED IEC 61215 IEC 61730 www.tuv.com ID 0000027145

CE

QUALITY MADE IN GERMANY

5005895/AM/06.12-1 VDE Certified Management System OHSAS 18001:2007

5005895/QM/12.08 VDE Certified Management System DIN EN ISO 9001:2008

5005895/UM/01.11 VDE Certified Management System DIN EN ISO 14001:2009

ULTRA – S Series

SOLARA®

$975 $1,180

Performance under STC*	S555M36 Ultra	S705M44 Ultra
Module type,		
Daily output in Watt/Hrs per day (Estimate; Summer - Full-time load)	555 Watt-Hrs/day	705 Watt-Hrs/day
Minimum peak power (Pmpp)	125 W	160 W
Short-circuit current (Isc)	6.87 A	6.42 A
Open-circuit voltage (Voc)	24.68 V	31.05 V
Voltage at peak power (Vmpp)	19.08 V	26.65 V
Current at peak power (Impp)	6.56 A	6.01 A

* Under standard testing conditions STC (1,000 W/m², spectrum 1.5, cell temperature 25 °C)

SUNPOWER®

Dimensions and weight	S555M36	S705M44
Dimensions (LxW)	49" x 22"	59" x 22"
Weight	17.4 lb	21.2 lb

Temperature Coefficients

P Max	-0.38 %/C
Voc	-0.28 %/C
Isc	+0.057 %/C
Nominal Operating Cell Temperature (NOCT)	46 ± 2 C

Other technical specifications

Maximum system voltage	700v
Reverse current capacity	12a
Measuring accuracy Pmpp at STC	+/- 5%
Frame height	1.6"
Cell efficiency	23%

Material used

Number of cells	36 (S555M36 Ultra) 44 (S705M44 Ultra)
Cell dimensions	5" x 5"
Cell technology	SunPower® Monocrystalline Back-Contact cells
Front side	tempered solar glass, glass thickness 3.2 mm
Frame	Black anodized aluminum with hollow, full perimeter flange
Junction box	IP65 with MC4 connectors on1m cables

As of 04/2020 Errors and omissions excepted. Techncial changes reserved.

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