

# Power M-Series

110 W , 115 W

## Maximum performance – even under extreme conditions

### Appearance and Design:

- „ Elegant and attractive design
- „ Extremely thin (5 mm) with aluminum Dibond backing plate
- „ Flexible and bendable plate for mounting on curved surfaces (up to 3%)
- „ Rugged construction allows panel to be walked on
- „ Pre-drilled cable exit hole permits tidy installation

### Excellent performance : Highest quality

- „ High efficiency ensured by the use of Sunpower® monocrystalline Back-Contact cells with 22%+ efficiency
- „ Increased voltage output thanks to high cell count
- „ Powerful low-light performance – High yields even under cloudy and partially shaded conditions
- „ Especially developed for marine installation in areas of extremes of heat/cold, and salt water environments
- „ Equipped with an UV resistant cable, sea-water proof cable outlet, and mounting holes
- „ External cell protector with bypass diodes offers protection against cell overheating (Hot-Spots)
- „ Manufactured exclusively in Germany

\* You can find detailed information in the Centrosolar AG warranty conditions.

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



## SOLARA Power M-Series

### Performance under STC\*

Module type	S 515M31 Marine	S 555M34 Marine	S 575M35 Marine	S 705M43 Marine
Estimated daily output in Watt-hours/day (Good solar day, constant full load)	515 W-hrs/day	555 W-hrs/day	575 W-hrs/day	705 W-hrs/day
Nominal power	115 W	125W	130 W	160 W
Short-circuit current (Isc)	6.40 A	6.40A	6.40 A	6.40 A
Open-circuit voltage (Voc)	22.63 V	24.82 V	25.55 V	31.39 V
Voltage at peak power (Vmpp)	19.22 V	21.08 V	21.70 V	26.66 V
Current at peak power (Impp)	6.04 A	6.04 A	6.04 A	6.04 A
Cell efficiency	23%+	23%+	23%+	23%+

\* Under standard testing conditions STC (1,000 W/m<sup>2</sup>, spectrum 1.5, cell temperature 25 °C) Tolerance +/- 5%

### Dimensions and weight

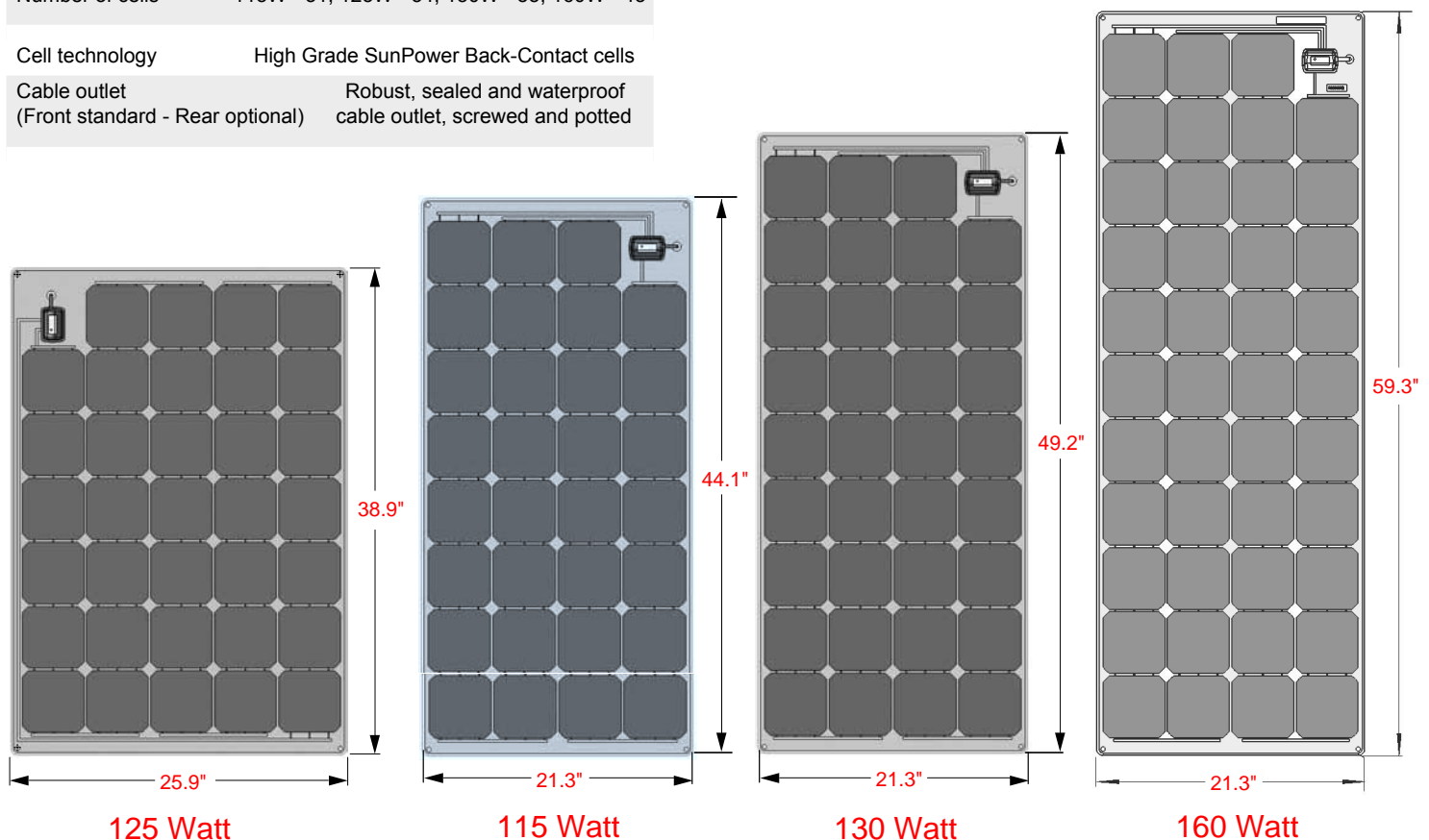
Dimensions (LxW)	44.1" x 21.3"	38.9" x 25.9"	49.2" x 21.3"	59.3" x 21.3"
Weight	7.9 lb	9.2 lb	9.7 lb	11.3 lb
Cable length	8.7'	8.7'	8.7'	8.7'

**Retail Price**    **\$1,179**      **\$1,250**      **\$1,355**      **\$1,540**

Number of cells      115W - 31, 125W - 34, 130W - 35, 160W - 43

Cell technology      High Grade SunPower Back-Contact cells

Cable outlet      Robust, sealed and waterproof  
(Front standard - Rear optional)      cable outlet, screwed and potted



**Coastal Climate Control, In c.**

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