

Maximum
performance
on the smallest
areas.

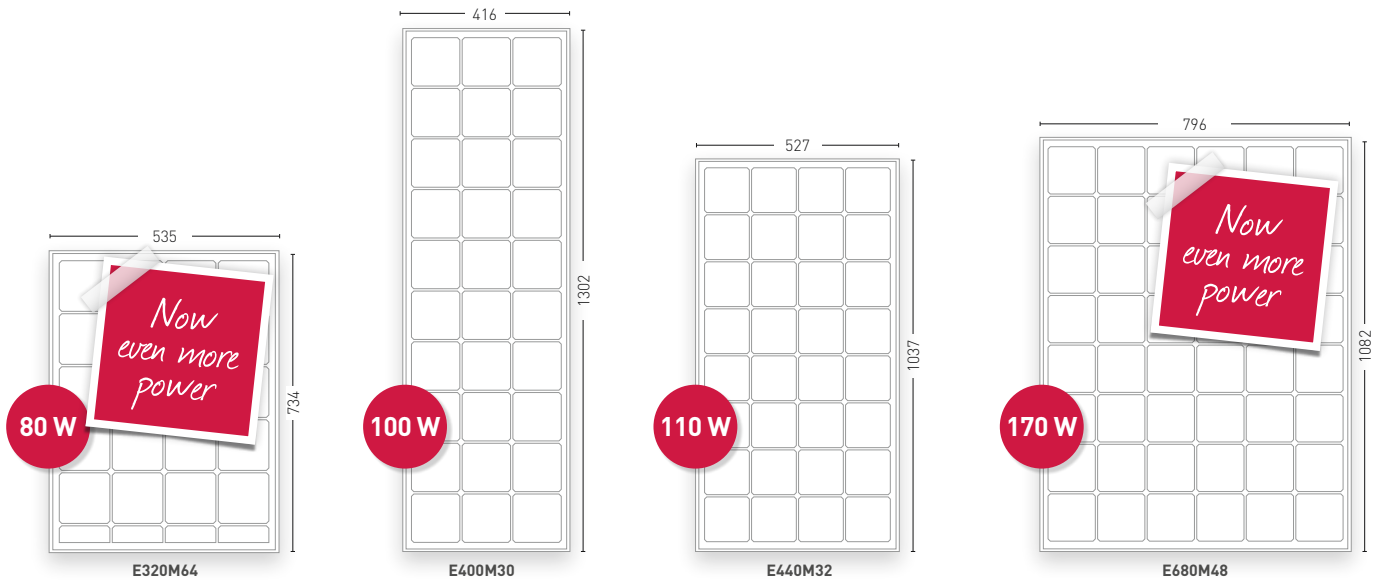
DCsolar Power E-Series

TOP PERFORMANCE - DEVELOPED FOR HIGH DEMANDS

- SunPower cells with up to 23 % efficiency
- Highest daily yields on a very small area
- Best low-light performance
- Temperature-stable voltage
- Stable hollow profile frame
- MC4-compatible connector



DCsolar Power E-Series



PERFORMANCE

Type	E320M64	E400M30	E440M32	E680M48
Daily output in summer in Germany (Ø) Wh/d	350	440	480	750
Rated output * (Pmpp) Wp	80	100	110	170
Short-circuit current (Isc) A	5.00	5.96	6.15	9.15
Open-circuit voltage (Uoc) V	21.3	22.6	23.8	24.1
Voltage (Umpp) V	17.5	18.7	19.7	19.8
Current (Impp) A	4.55	5.36	5.59	8.3
No. of cells	64	30	32	48

* Performance at STC, Standard Testing Conditions: 1000 W/m², AM 1.5, cell temperature 25° C

Dimensions and weight

Dimensions L x W x H (mm)	734 x 535 x 35	1302 x 416 x 35	1037 x 527 x 35	1082 x 796 x 35
Weight kg	5.8	7.0	7.4	11.0
Frame color	black	silver or black	silver or black	black

Thermal properties

TK Pmpp %/K	-0.32
TK Uoc %/K	-0.28
TK Isc %/K	0.057
NOCT °C	46 ± 2

Used materials

Cell technology	Sunpower, monocrystalline with back contact
Junction box	IP65 with MC4 compatible connectors

More technical data

Reverse current IR	12 A
Measuring accuracy Pmpp at STC	± 10 %
Operating temperature range	-40°C to +85°C

