



**Price/
performance
winner!**

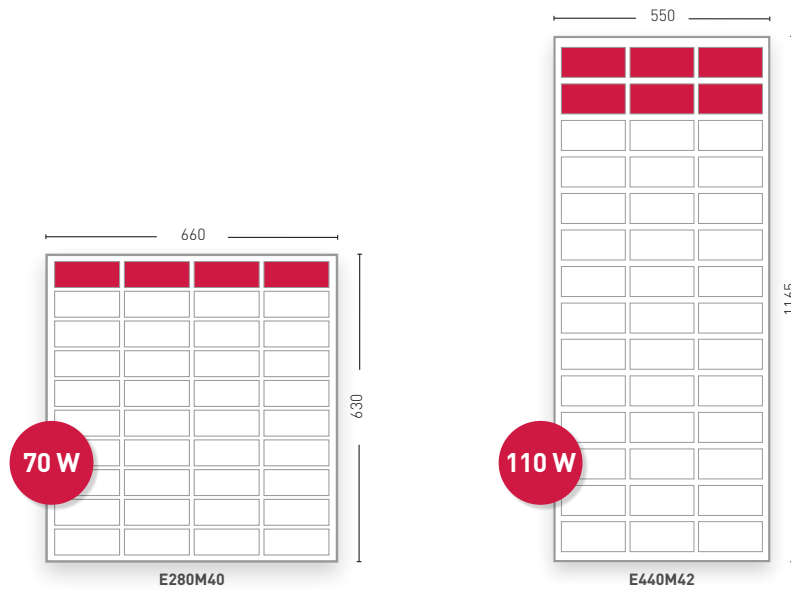
DCsolar Ecolux-Series

SUPERIOR MODULAR TECHNOLOGY - VERSATILE APPLICABLE

- 40/42 monocrystalline high-yield solar cells
- Sturdy silver hollow profile frame
- MC4 compatible connector
- Translucent solar glass
- Hail resistant



DCsolar Ecolux-Series



PERFORMANCE

Type	E280M40	E440M42
Daily output in summer in Germany (Ø) Wh/d	280	440
Rated output * (Pmpp) Wp	70	110
Short-circuit current (Isc) A	3.24	4.88
Open-circuit voltage (Uoc) V	26.92	27.97
Voltage (Umpp) V	21.78	23.75
Current (Impp) A	3.22	4.63
No. of cells	40	42

* 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)	630 x 660 x 35	1165 x 550 x 35
Weight kg	5	7.4
Frame color	silver	silver

Thermal properties

TK Pmpp %/K	-0,44
TK Uoc %/K	-0,36
TK Isc %/K	0,03
NOCT °C	46 ± 2

Used materials

Cell technology	Monocrystalline
Junction box	IP65 with MC4 compatible connectors

More technical data

Reverse current IR	12 A
Measuring accuracy Pmpp at STC	-5 %/+10 %
Operating temperature range	-40°C to +85°C

