



AESOLAR

PRODUCT CATALOG

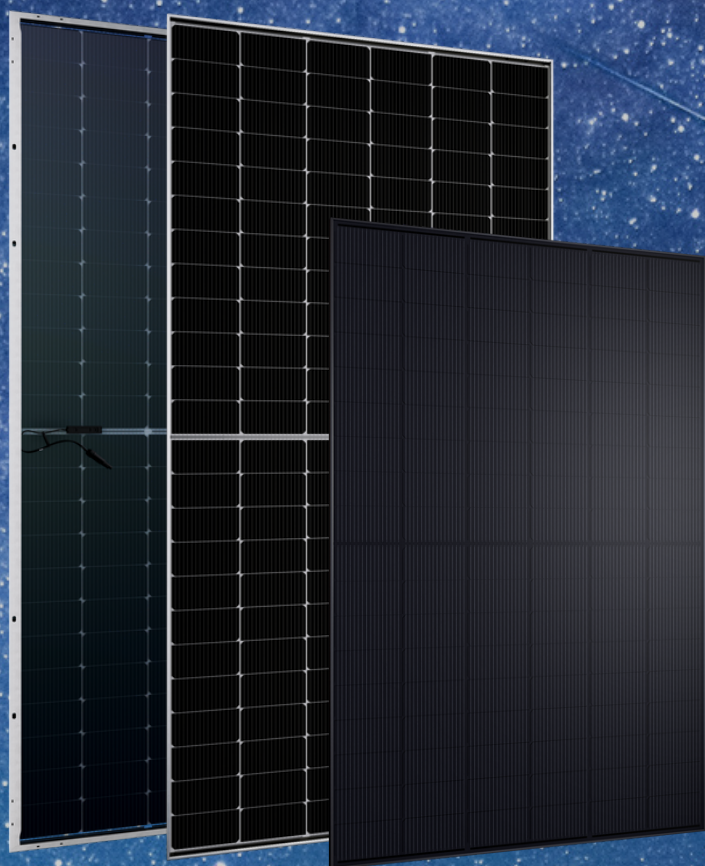
It's time to save the world.



METEOR series



N-TYPE TOPCON PV MODULE



415W - 720W

mono-facial / bifacial
single / double glass
Customisable backsheet
and frame

30
YEARS

Performance
Warranty

Up to
30
YEARS

Product
Warranty

- N-type cell technology
- High efficiency and power output
- Cost-effective scalability and market dominance
- Low degradation and high durability
- No LID or LeTID



AESOLAR

Deutsche
Qualität
Garantiert

Meteor series

210 × 210mm half-cut cells, TOPCon technology

DATASHEET (PDF)	MODEL	POWER	DIMENSION	40 ft HQ CONTAINER LOAD
	BIFACIAL DOUBLE GLASS PV MODULES			
EN DE	CME-132BDS	700W - 720W	2383 × 1302 × 30mm	648pcs
	MONOFACIAL PV MODULES			
EN DE	CME-132	700W - 720W	2383 × 1302 × 30mm	648pcs

Meteor series

210 × 182mm half-cut rectangular cells, TOPCon technology

DATASHEET (PDF)	MODEL	POWER	DIMENSION	40 ft HQ CONTAINER LOAD
	BIFACIAL DOUBLE GLASS PV MODULES			
EN DE	CMER-132BDS	610W - 630W	2383 × 1133 × 30mm	720pcs
	BIFACIAL DOUBLE GLASS PV MODULES			
EN DE	CMER-108BDS	490W - 510W	1960 × 1133 × 30mm	864pcs
EN DE	CMER-96BDS	440W - 460W	1762 × 1133 × 30mm	936pcs
	BIFACIAL DOUBLE GLASS PV MODULES (BLACK)			
EN DE	CMER-108BDE	480W - 500W	1960 × 1133 × 30mm	864pcs
EN DE	CMER-96BDE	430W - 450W	1762 × 1133 × 30mm	936pcs

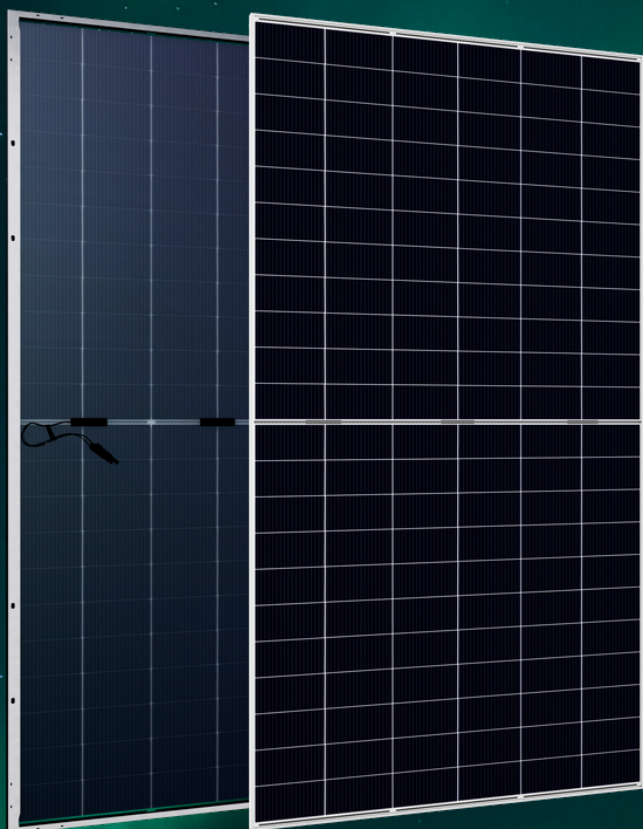
Meteor series

182 × 182mm half-cut cells, TOPCon technology

DATASHEET (PDF)		MODEL	POWER	DIMENSION	40 ft HQ CONTAINER LOAD
BIFACIAL DOUBLE GLASS PV MODULES					
<u>EN</u>	<u>DE</u>	CMD-144BDS	575W - 595W	2278 × 1133 × 30mm	720pcs
<u>EN</u>	<u>DE</u>	CMD-120BDS	475W - 495W	1902 × 1133 × 30mm	864pcs
<u>EN</u>	<u>DE</u>	CMD-108BDS	420W - 440W	1721 × 1133 × 30mm	936pcs
BIFACIAL DOUBLE GLASS PV MODULES (BLACK)					
<u>EN</u>	<u>DE</u>	CMD-108BDE	415W - 435W	1721 × 1133 × 30mm	936pcs
MONOFACIAL PV MODULES					
<u>EN</u>	<u>DE</u>	CMD-144	575W - 595W	2278 × 1133 × 30mm	720pcs
<u>EN</u>	<u>DE</u>	CMD-120	465W - 485W	1902 × 1133 × 30mm	864pcs
<u>EN</u>	<u>DE</u>	CMD-108	420W - 440W	1721 × 1133 × 30mm	936pcs
MONOFACIAL PV MODULES					
<u>EN</u>	<u>DE</u>	CMD-108E	415W - 435W	1721 × 1133 × 30mm	936pcs

AURORA series

P-TYPE PERC PV MODULE



360W - 660W

mono-facial / bifacial

single / double glass

Customisable backsheet
and frame

30
YEARS

Performance
Warranty

Up to
30
YEARS

Product
Warranty

- Established durability and yield data
- High flexibility with BOM



AESOLAR

Deutsche
Qualität
Garantiert

Aurora series

182mm half-cut cells, PERC technology

DATASHEET (PDF)		MODEL / CELLS	POWER	DIMENSION	20ft / 40ft HQ CONTAINER LOAD
BIFACIAL DOUBLE GLASS PV MODULES					
EN	DE	MD-144BD	530W - 550W	2278 × 1133 × 30mm	180pcs / 720pcs
EN	DE	MD-132BD	485W - 505W	2094 × 1133 × 30mm	180pcs / 792pcs
EN	DE	MD-120BD	440W - 460W	1902 × 1133 × 30mm	180pcs / 864pcs
EN	DE	MD-108BD	395W - 415W	1721 × 1133 × 30mm	216pcs / 936pcs
BIFACIAL SINGLE GLASS PV MODULES					
EN	DE	MD-144BS	530W - 550W	2278 × 1133 × 30mm	180pcs / 720pcs
MONOFACIAL PV MODULES					
EN	DE	MD-144	530W - 550W	2278 × 1133 × 30mm	180pcs / 720pcs
EN	DE	MD-132	485W - 505W	2094 × 1133 × 30mm	180pcs / 792pcs
EN	DE	MD-120	440W - 460W	1902 × 1133 × 30mm	180pcs / 864pcs
EN	DE	MD-108	395W - 415W	1721 × 1133 × 30mm	216pcs / 936pcs
MONOFACIAL PV MODULES (BLACK)					
EN	DE	MD-132E	485W - 505W	2094 × 1133 × 30mm	180pcs / 792pcs
EN	DE	MD-108E	395W - 415W	1721 × 1133 × 30mm	216pcs / 936pcs

Aurora series

210mm half-cut cells, PERC technology

DATASHEET		MODEL / CELLS	POWER	DIMENSION	20 ft / 40 ft HQ CONTAINER LOAD
BIFACIAL DOUBLE GLASS PV MODULES					
<u>EN</u>	<u>DE</u>	ME-132BD	640W-660W	2383 × 1302 × 30mm	144pcs/612pcs
<u>EN</u>	<u>DE</u>	ME-120BD	580W-600W	2171 × 1302 × 30mm	180pcs/612pcs
MONOFACIAL PV MODULES					
<u>EN</u>	<u>DE</u>	ME-132	640W-660W	2383 × 1302 × 30mm	144pcs/612pcs
<u>EN</u>	<u>DE</u>	ME-120	580W-600W	2171 × 1302 × 30mm	180pcs/612pcs

Aurora series

166mm half-cut cells, PERC technology

LINK		MODEL / CELLS	POWER	DIMENSION	20 ft / 40 ft HQ CONTAINER LOAD
BIFACIAL DOUBLE GLASS PV MODULES					
<u>EN</u>	<u>DE</u>	MC-144BD	430W - 450W	2094 × 1038 × 30mm	180pcs/792pcs
<u>EN</u>	<u>DE</u>	MC-120BD	360W - 380W	1754 × 1038 × 30mm	216pcs/936pcs
MONOFACIAL PV MODULES					
<u>EN</u>	<u>DE</u>	MC-144	430W - 450W	2094 × 1038 × 30mm	205pcs/814pcs
<u>EN</u>	<u>DE</u>	MC-120	360W - 380W	1754 × 1038 × 30mm	246pcs/962pcs



HORIZON series



CUSTOMIZED FOR CARPORTS

Up to 435W

bifacial

double glass

transparent backsheet

black frame

30
YEARS

Performance
Warranty

Up to
30
YEARS

Product
Warranty

- Exceeds PV durability standards as per **DIN ISO 12543-4**
- Highly resistant to impact according to **DIN EN 12600**
- Highly durable under mechanical loads as per **DIN EN 18008-1 & 2**
- Module overhead safety ensured by extended adhesion test as per **DIN EN ISO 8510-2**
- Fire resistant according to **DIN 4102-1**



AESOLAR

Deutsche
Qualität
Garantiert

Horizon series

Specifically designed for carports

DATASHEET (PDF)		MODEL / CELLS	POWER	DIMENSION	40 ft HQ CONTAINER LOAD
		182 × 182mm half-cut cells, TOPCon technology			
<u>EN</u>	<u>DE</u>	CMD-108BDS	415W - 435W	1721 × 1133 × 30mm	936pcs



STRONGER DESIGN FOR EXTREME WEATHER

430W - 595W

CMD-96BDE-I

CMD-96BDS-I

CMD-144BDS-I

23.05%

MAXIMUM EFFICIENCY

30 YEARS

Performance Warranty

Up to

30 YEARS

Product Warranty

- Certified to endure **40mm hailstones (HW4)**
- **3.2mm glass thickness** on the front, offering exceptional durability
- **T6** high-strength anodized aluminum alloy frame, enduring stability in harsh conditions
- Long-term reliability for hail-prone regions



AESOLAR

Deutsche
Qualität
Garantiert

Alpine series

Stronger design for extreme weather

DATASHEET (PDF)		MODEL / CELLS	POWER	DIMENSION	40 ft HQ CONTAINER LOAD
		182 × 182mm half-cut cells, TOPCon technology			
<u>EN</u>	<u>DE</u>	CMD-144BDS-I	575W - 595W	2278 × 1133 × 30mm	720pcs
<u>EN</u>	<u>DE</u>	CMD-120BDS-I	475W - 495W	1902 × 1133 × 30mm	864pcs
		210 × 182mm half-cut rectangular cells, TOPCon technology			
<u>EN</u>	<u>DE</u>	CMER-96BDS-I	440W - 460W	1762 × 1133 × 30mm	936pcs
<u>EN</u>	<u>DE</u>	CMER-96BDE-I	430W - 450W	1762 × 1133 × 30mm	936pcs



PERFECT FOR AGRI-PV SOLUTIONS

280W - 580W

21.96% MAXIMUM EFFICIENCY

144 HALF CELLS



- Up to 75% less cell breakage probability under mechanical loads
- Highly durable against wind and snow
- Higher energy yield due to the elimination of self-shading from cables, junction boxes or frames
- Ideal for agri-PV & sound barriers, as well as other vertical installations

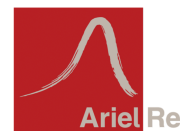


Deutsche
Qualität
Garantiert

Terra series

Perfect for agri-pv solutions

DATASHEET (PDF)	MODEL / CELLS	POWER	DIMENSION	40 ft HQ CONTAINER LOAD
182 × 182mm half-cut cells, TOPCon technology, bifacial horizontal PV panel				
EN DE	CMD-L144BD	560W - 580W	1190 × 2282 × 30mm	648pcs
182 × 182mm half-cut cells, TOPCon technology, bifacial high transparency PV panel				
EN DE	CMD-96BD	375W - 395W	2278 × 1133 × 30mm	720pcs
EN DE	CMD-80BD	315W - 335W	1902 × 1133 × 30mm	864pcs
EN DE	CMD-72BD	280W - 300W	1721 × 1133 × 30mm	936pcs



Follow AESOLAR:



Specifications included in this catalogue are subject to change without notice.

Ver. ae_catalogue_25.7.1