

Libra Energy - ROADMAP Modules, mounting materials and accessories

Perspective on Q1 and Q2 2026

Product Management

Changes in Libra Energy's product portfolio

Modules	When
Aiko	
Gen 3 Pro (480/485 Wp) glass-glass panels on stock	Immediately
DMEGC	
465 Wp glass-glass white panels (G12 cells) on stock	Immediately
54-cell G12 glass-glass panels expected (510 Wp all black and white)	Feb 2026
460 Wp black-transparent glass-glass available on request (minimum order: 1 container)	Immediately
JA Solar	
JA 635 Wp (2382 × 1134 mm) will replace the 600/605 Wp	TBD
LR series on stock (455/460 Wp all black, 465 Wp white)	Immediately

Modules

Perspective on Q1 and Q2 2026

Product Management

Module Portfolio Q1-2026 & Q2-2026

Brand	Type	Cell type	Colour	Mono- or bifacial	Power output Q1-2026*	Power output Wp/m2	Module size	Warranty manufacturer	# Pallet / container	Power output Q2-2026*	Available stock (current expectation)
All-Black											
Aiko	AK-A465-MAH54Mb-BK	N-type M10	All-black	Monofacial	465	233	1757 x 1134 x 30mm	25 years	36/936	465	✓✓✓
Aiko	AK-A475-MCE54Mb-BK	N-type M10	All-black	Monofacial	470/475	238	1762 x 1134 x 30mm	25 years	37/962	470/475	✓✓✓
Aiko	AK-A485-MCE54Mb-BK	N-type M10	All-black	Monofacial	480/485	243	1762 x 1134 x 30mm	30 years	37/962	480/485	Feb 2026
Aiko	AK-A500-MAH60Mb-BK	N-type M10	All-black	Monofacial	500/515	226	1954 x 1134 x 30mm	25 years	37/888	500/515	✓✓
Glas-Glas All-Black											
JA Solar	JAM54D41-450N-LB-BK	N-type M10	All black	Bifacial	450	225	1762 x 1134 x 30mm	25 years	36/936	450	✓✓✓
JA Solar	JAM54D41-460-LR-BK	N-type M10	All black	Monofacial	455/460	230	1762 x 1134 x 30mm	25 years	36/936	455/460	✓✓✓
DMEGC	DM465G12RT-G48HBB-BK	N-Type G12	All black	Monofacial	465	233	1762 x 1134 x 30mm	25 years	36/396	465/470	✓✓✓
DMEGC	DM500M10RT-B60HBB-BK	N-type M10	All-black	Bifacial	500	226	1950 x 1134 x 30mm	25 years	36/864	500	✓✓ (Ending)
DMEGC	DM515G12RT-G54HBB-BK	N-Type G12	All-black	Bifacial	515	227	1977 x 1134 x 30mm	25 years	36/864	515	Jan 2026
Jinko	JKM455-48HL4M-DB-BK	N-type G12	All-black	Monofacial	455	230	1762 x 1134 x 30mm	25 years	37/962	455	✓✓✓
Jinko	JKM470N-48QL6-DB-BK	N-type G12	All-black	Monofacial		235	1762 x 1134 x 30mm	25 years	37/962		H1 2026
Aiko	AK-A465-MAH54Db-BK	N-type M10	All-black	Bifacial	460/465	233	1757 x 1134 x 30mm	25 years	36/936	460/465	✓✓✓
Aiko	AK-A475-MCE54Db-BK	N-type M10	All-black	Bifacial	470/475	238	1762 x 1134 x 30mm	25 years	37/962	470/475	✓✓✓
Aiko	AK-A485-MCE54Db-BK	N-type M10	All-black	Bifacial	480/485	243	1762 x 1134 x 30mm	30 years	37/962	480/485	✓✓✓
Aiko	AK-A500-MAH60Db-BK	N-type M10	All-black	Bifacial	500/515	226	1954 x 1134 x 30mm	25 years	37/888	500/515	✓✓✓



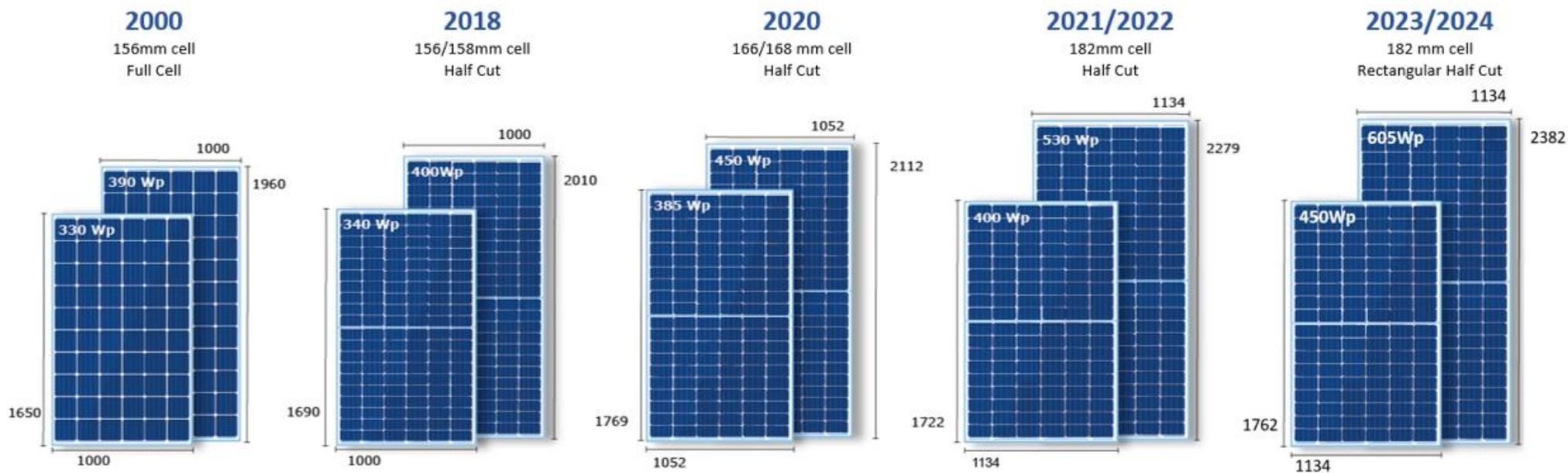
Module Portfolio Q1-2026 & Q2-2026

Brand	Type	Cell type	Colour	Mono- or bifacial	Power output Q1-2026*	Power output Wp/m2	Module size	Warranty manufacturer	# Pallet / container	Power output Q2-2026*	Available stock (current expectation)
Glas-Glas White											
JA Solar	JAM54D40-460N-LB-B	N-type M10	Black frame	Bifacial	460	230	1762 x 1134 x 30mm	25 years	36/936	460	✓✓✓
JA Solar	JAM54D40-465-LR-B	N-type M10	Black frame	Monofacial	465	233	1762 x 1134 x 30mm	25 years	36/936	465/470	✓✓
JA Solar	JAM60D42-535-LB	N-type M10	Black frame	Bifacial	530/535	227	2063 x 1134 x 30mm	25 years	36/936	535	✓✓✓
JA Solar	JAM72D40-600-MB	N-type M10	Silver frame	Bifacial	600	232	2278 x 1134 x 30mm	12 years	36/720	600/605	✓✓
JA Solar	JAM66D45-635-LB	N-type M10	Silver frame	Bifacial			2382 x 1134 x 30mm	12 years	36/720	635/640	TBD
DMEGC	DM465G12RT-B48HBW-B	N-Type G12	Black frame	Bifacial	465	233	1762 x 1134 x 30mm	25 years	36/936	465/470	✓✓
DMEGC	DM505M10RT-B60HSW-V	N-type M10	Silver frame	Bifacial	505	228	1950 x 1134 x 30mm	25 years	36/864	505	✓✓✓
DMEGC	DM515G12RT-B54HBW	N-type G12	Black frame	Bifacial	515	233	1977 x 1134 x 30mm	25 years	36/864	515	Jan 2026
DMEGC	DM585M10T-B72HSW	N-type M10	Silver frame	Bifacial	585	226	2278 x 1134 x 30mm	15 years	36/720	590	✓✓ (Ending)
Jinko	JKM465-48HL4M-DV-B	N-type G12	Black frame	Monofacial	460/465	230	1762 x 1134 x 30mm	15 years	37/962	460/465	✓✓
Jinko	JKM475N-48QL6-DV-B	N-type G12	Black frame	Monofacial		238	1762 x 1134 x 30mm	15 years	37/962		H1 2026
Aiko	AK-A470-MAH54Dw-B	N-type M10	Black frame	Bifacial	470	235	1757 x 1134 x 30mm	15 years	37/962	470	✓✓✓
Aiko	AK-A480-MCE54Dw-B	N-type M10	Black frame	Bifacial	480	240	1762 x 1134 x 30mm	15 years	37/962	480	✓✓✓
White Backsheet											
Aiko	AK-A485-MCE54Mw-B	N-type M10	Black frame	Monofacial	480/485	243	1762 x 1134 x 30mm	15 years	37/962	480/485/495	✓✓✓
Special											
BISOL	BDO-305M-TERRA	P-type M10	Terracotta	Monofacial	305	156	1722 x 1134 x 30mm	15 years	35/1050	305	✓✓ (Ending)
Aiko	AK-A445-MAH54Tm-B	N-type M10	Polymer	Monofacial	445	223	1758 x 1137 x 30mm	12 years	36/936	445	✓✓
On request (transparent and utility)											
DMEGC	DM460G12RT-B48HBT	N-type G12	Black frame	Bifacial	455/460	230	1762 x 1134 x 30mm	25 years	36/936	460	On request
DMEGC	DM630G12RT-B66HSW	N-type M10	Silver frame	Bifacial	630	231	2382 x 1134 x 30mm	15 years	36/720	630/635	On request
Aiko	AK-G650-MCH72Dw-B	N-Type M10	Silver frame	Bifacial	650	241	2382 x 1134 x 30mm	15 years	36/720	655	On request



Market trends 2026

- After a period of varying panel formats, 1722 × 1134 mm appeared to become the standard for residential solar modules. This format was extended to 1762 × 1134 mm (exactly 2 m²), originally due to German regulations. Although these regulations have since been repealed, manufacturers continue to adhere to this format. A recent development is that some manufacturers have shifted from 54 full cells to 48 full / 96 half cells, based on a combination of 182 mm (M10) and 210 mm (G12) solar cells.
- After the high inventory levels and price pressure of 2024, the market stabilized in early 2025. In Q3 2025, prices reached a historically low level. Now, in Q1 2026, there are indications that prices may start to rise again, particularly due to increasing material costs.
- The transition from p-type to n-type technology, which began in 2021, has now been fully completed. In Europe, TOPCon (n-type) has become the dominant technology, particularly in the residential segment.



Mounting materials

Perspective on Q1 and Q2 2026

Product Management



Van der Valk Solar Systems (1)

	Pitched roof		
			
Series	ValkPitched – Clamp	ValkPitched – Insert	ValkAce
Remark	Roof tiles/ Sandwich/ Corrugated/ Standing seam/ Bitumen/ EPDM/ PVC	Roof tiles/ Sandwich/ Corrugated/ Bitumen/ EPDM/ PVC	Roof tiles
Layout	Portrait or landscape	Portrait or landscape	Portrait or landscape
Stock	Shop	Shop	Shop

For prices and most recent availability, go to the Libra Energy Webshop: [Libra Energy – Mounting materials Van der Valk](#)



Van der Valk Solar Systems (2)

	Flat roof				ValkCableCare
					
Series	Valk Pro+ South	Valk Pro+ East/West	Solar ramp	ValkBox3	ValkCableCare
Remark	10°	10°	Double/ Triple/ Quattro	For one individual panel	Cable trays, cable clamps, pv shelters, cable tubes, drainage clips
Layout	Landscape/ Portrait	Landscape/ Portrait	Landscape	Landscape	All
Stock	Shop	Shop	Shop	Shop	Shop

For prices and most recent availability, go to the Libra Energy Webshop: [Libra Energy – Mounting materials Van der Valk](#)



Van der Valk Solar Systems (3)

	Flat roof large	Carport
		
Series	ValkPro+ Max NextGen	ValkTop
Remark	For panels from 1700 to 2500 mm in length East/West or South	Trapezoidal / Steel
Layout	Landscape	Single or Double
Stock	Shop	Project basis (contact us)

For prices and most recent availability, go to the Libra Energy Webshop: [Libra Energy – Mounting materials Van der Valk](#)

Enstall

ENSTALL

	Pitched roof	Flat roof	
			
Series	ClickFit EVO	FlatFix Fusion	Connect
Remark	Roof tiles/ Corrugated/ Steel roof/ Bitumen/ Slate	South or East/West	South or East/West
Layout	Portrait or landscape	Landscape/ Portrait	Landscape/ Portrait
Stock	Shop	Shop	Shop

For prices and most recent availability, go to the Libra Energy Webshop: [Libra Energy - Mounting Materials Enstall](#)

Sunbeam



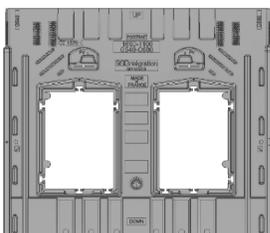
	Flat roof
	
Series	Supra
Remark	East/West or South
Layout	Landscape
Stock	Shop

For prices and most recent availability, go to the Libra Energy Webshop: [Libra Energy - Mounting materials Sunbeam](#)

GSE In-roof system

GSE Intégration

Portrait 2022	Portrait 2020
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Article	Module dimension	Article	Module dimension
GSE-ART105162	H: 1610-1800 B: 1130-1135	GSE-PORTRAIT14 (OP=OP)	H: 1670-1780 B: 1025-1030
GSE-ART105211	H: 1800-1990 B: 1130-1135		

For prices and most recent availability, go to the Libra Energy webshop: [Libra Energy – Mounting Material GSE](#)

Cable and connectors

Perspective on Q1 and Q2 2026

Product Management

Cable



	Solen Kablo
	
Series	Solen Solar
Cable type	Solar cable / DC cable & Grounding cable
Length	25m, 100m, 500m
Diameter	4mm ² , 6mm ²
Fire class	DCA
Stock	Shop

For prices and most recent availability, go to the Libra Energy Webshop: [Libra Energy - Cables](#)

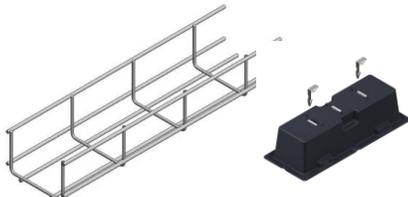
Connectors & Accessories

	Stäubli					
						
Series	MC4 connector	MC4 EVO2 connector	MC4 EVO Ready connector	String fuses	Y-connectors / splitters	Accessories
Description	MC4 connector	MC4 EVO2 connector	MC4 EVO Ready connector	15A & 20A	MC4 EVO2 Y-connector	Crimping pliers, mounting wrenches, torque wrench, testers, etc.
Inside diameter (mm ²)	4-6mm ² (6XUR) 10mm ² (10II)	4-6mm ²	4-6mm ²	-	-	-
Outside diameter (mm)	5.5-7.4 (6XUR)/ 7.0-8.8 (10II)	4.7-6.4mm	5.4-7.6mm	-	-	-
Max. Voltage	1000V	1500V	1500V	1500V	1500V	-
Extra	Compatible with all MC4 connectors	Compatible with all MC4 connectors	Compatible with all MC4 connectors	Compatible with all MC4 connectors	Compatible with all MC4 connectors	-
Stock	Shop	Shop	Shop	Shop	Shop	Shop

For prices and most recent availability, go to the Libra Energy Webshop: [Libra Energy - Stäubli](#)

Cable management



	Packages	Conduct losse tray	PVX Multimount	PVX Minimount	ValkCableCare
					
Wire trays	35x30 = 3 meters 65x60 cm 65x100 cm	65x60 cm 65x100 cm 65x150 cm 65x400 cm 65x500 cm 65x600 cm	Compatible	Compatible	35x100 cm 35x150 cm 35x200 cm 35x250 cm 35x350 cm 60x50 cm 60x100 cm 60x150 cm 60x200 cm 60x300 cm 60x400 cm 60x500 cm
Length	4x3= 12 meters	3 meters	Na	Na	3 meters
Material	EZ1000	EZ1000	HDPE	HDPE	Zinc-aluminum
Base	✓	Conduct / PVX	✓	✓	✓
Cover	Option	✓	Na	Na	✓
Cover clamp	Option	✓	Na	Na	✓
Quick connector	✓	✓	Na	Na	✓
Connection clamp	✓	✓	Na	Na	✓
Partition	Option	✓	Na	Na	✓