

# M10-108

## GLASS-BACK COATING/BLACK

SINGLE SURFACE, HALF  
CELL FRAME MODULE,  
(BLACK DESIGN)



10 BB Half Cell Technology



**375 - 400 WATTS**



**MODULE EFFICIENCY UP TO 20.46%**



**25 YEARS LINEAR PERFORMANCE WARRANTY**



**10 YEAR PRODUCT WARRANTY**



### The Rising Energy of Elegance

Aesthetic design that adapts to the integrity of the architecture with its black back cover, frames and black conductive components.



### Compact Design

Efficient use of installation areas and Lightweight and optimized dimensions that enable high levels of energy production.



### PERCeffect

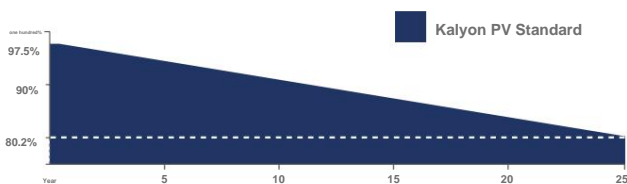
Cell technology, which is the most widely used in the world and allows high energy production.



### M10 Half Cell Technology

Increasing the energy production of the module M10 size half cell technology.

### PERFORMANCE GUARANTEE



The average annual power loss from the 2nd year to the 25th year will not be more than 0.55%.

### CERTIFICATES

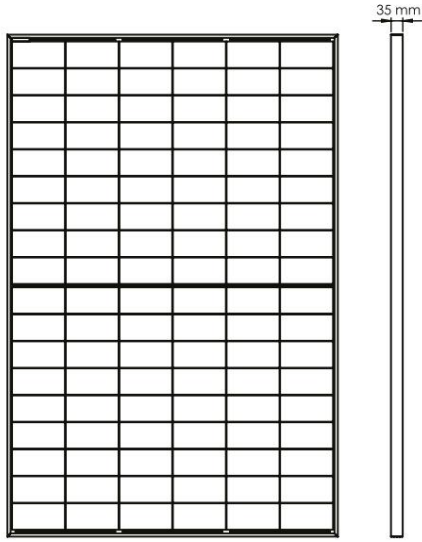
**ISO Certificates:** ISO 9001 / ISO 14001 / ISO 45001 / ISO 50001 / ISO 27001

**IEC Certificates:** IEC 61215: 2018 / IEC 61730-1: 2018 / IEC 61730-2: 2018

**UL Certification:** UL 61730-1-2



KY-375B-54H-GBB, KY-380B-54H-GBB, KY-385B-54H-GBB,  
KY-390B-54H-GBB, KY-395B-54H-GBB, KY-400B-54H-GBB



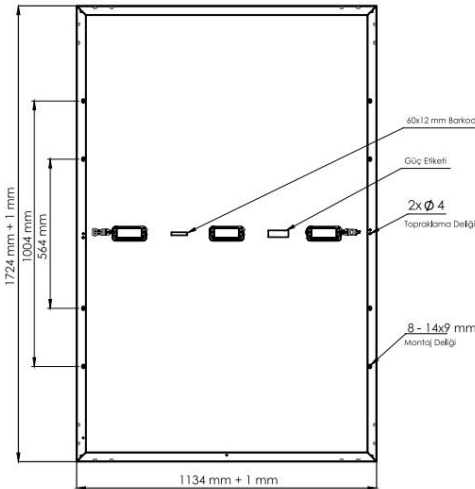
## MECHANICAL SPECIFICATIONS

Cell	Module	Mono-C Silicon Bifacial PERC	Module Dimensions	Length	1724mm±1mm
	Piece	108 Half Cells		Width	1134mm±1mm
	Dimension	182mm x 91mm		Thickness	35mm±2mm
Connection Box	Bypass Diode	3 pieces	Mounting Hole	Piece	8
	Protection Class	IP68		Dimension	9mm x 14mm Radius 4.5mm
	Output Cables	30cm		Mounting Hole Spacing (Long Side)	564/1004mm
	Rated Current	25A		Weight	Framed 20 kg ± 5%
Pine	AR Coating Semi Tempered, 3.2 mm Thickness		Ground Its hole	Piece	2
				Dimension	Width: 4 mm

## ELECTRICAL PARAMETERS

Model	375	380	385	390	395	400
Test Conditions	STC*	STC*	STC*	STC*	STC*	STC*
Maximum Power (Pmax) [W]	375	380	385	390	395	400
Open Circuit Voltage (Voc) [V]	36.72	36.82	36.91	37.01	37.12	37.22
Short Circuit Current (Isc) [A]	12.91	12.98	13.06	13.13	13.22	13.29
Maximum Power Voltage (Vmp) [V]	30.47	30.67	30.86	31.06	31.23	31.42
Maximum Power Current (Imp) [A]	12.31	12.39	12.48	12.57	12.65	12.73
Module Efficiency [%]	19.18	19.44	19.70	19.95	20.20	20.46

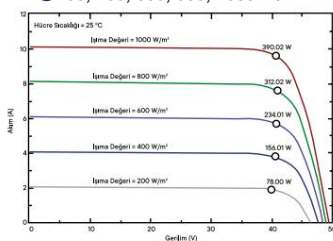
Measurement tolerances: ±3% for Pmax, ±5% for Voc and Isc.

\* Standard test conditions (STC): Irradiance 1000 W/m<sup>2</sup>, Air Mass 1.5, Cell Temperature 25 °C.

## TEMPERATURE COEFFICIENTS

Isc Temperature Coefficient	+0.049%/OC
Vsc Temperature Coefficient	-0.28%/OC
Pmax Temperature Coefficient	-0.37%/OC

## IV CURVE

@ 200, 400, 600, 800, 1000 W/m<sup>2</sup>

## SYSTEM FEATURES

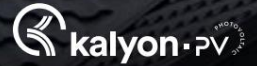
System Voltage	1500VDC	Maximum Mechanical Strength	Negative	-1600Pa
			Positive	+2400Pa
Operating temperature	-40 ~+ 85 OC	Fire Type: 1	Protection Type: Class II	Maximum Series Fuse Rating: 25 A

NOTE: This is the maximum strength load that can be achieved if the installation type is installed in the mounting type corresponding to the relevant maximum strength load in the installation manual.

The Energy of Elegance...

# M10-108 GLASS-BACKSHEET/ALLBLACK

MONOFACIAL, HALF CUT  
FRAMED MODULE  
(ALL BLACK)



10BB Half Cut Technology



375 - 400 WATTS



UP TO 20.46% MODULE EFFICIENCY



25 YEARS POWER OUTPUT WARRANTY



10 YEARS PRODUCT WARRANTY



### The Rising Energy of Aesthetic

Aesthetic design that aligns seamlessly with the architectural integrity, featuring black back coverage, frames, and conductive elements.



### Compact Design

Lightweight and optimized dimensions that allow efficient use of installation space and high levels of energy generation.



### PERCeffect

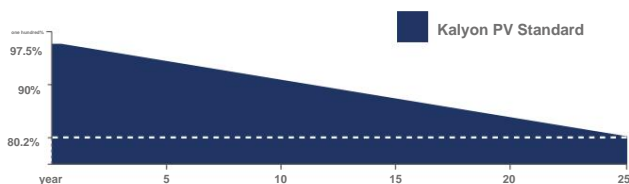
The most widely used cell technology in the world, enabling high energy production.



### M10 Half Cut Cell Technology

M10-sized half-cell technology that increases energy production of modules.

## PERFORMANCE WARRANTY



From the 2nd year to the 25th year, the average annual power decline will be no more than 0.55%.

## CERTIFICATES

ISO Certificates: ISO 9001 / ISO 14001 / ISO 45001 / ISO 50001 / ISO 27001

IEC Certificates: IEC 61215: 2018 / IEC 61730-1: 2018 / IEC 61730-2: 2018

UL Certificate: UL 61730-1-2



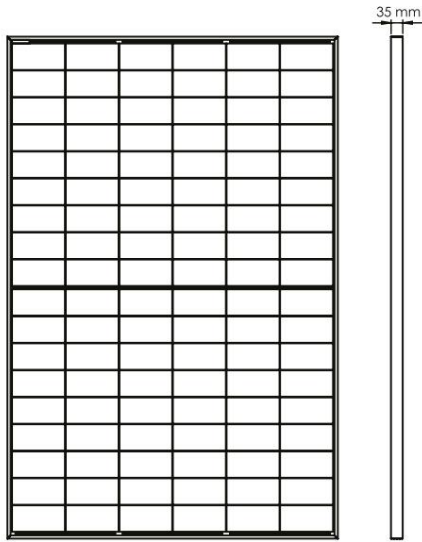
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KY-390B-54H-GBB, KY-395B-54H-GBB, KY-400B-54H-GBB

The Energy of Elegance...

M10-108

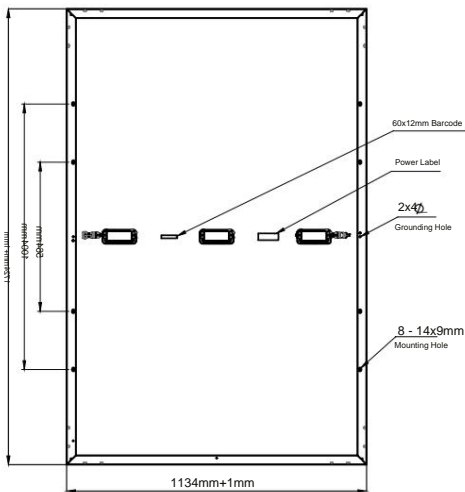
GLASS-BACKSHEET/ALLBLACK

MONOFACIAL, HALF CUT, FRAMED MODULE/ALLBLACK



STRUCTURAL PARAMETERS

cell	Type	Mono-C Silicon Bifacial PERC	module To you	length	1724mm±1mm
	number	108 Pcs Half Cut Cell		Width	1134mm±1mm
	To you	182mm x 91mm		Thickness	35mm±2mm
Junction Box	Bypass Diode	3Pcs	mounting Dimensions	Mounting Hole Number	8
	Degree of Protection	IP68		Mounting Hole Sizes	9mm x 14mm Radius 4.5mm
	cable length	30cm		Long Side Mounting Hole Spacing (Vertical Axis)	564/1004mm
	Rated Current	25A		Weight	35mm Frame 20 kg ± 5%
glass	AR Coating Half Tempered, 3.2mm Thickness		Grounding Holes	number	2
				Radius	L: 4mm



ELECTRICAL PARAMETERS

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Maximum Power Current (Imp) [A]	12.31	12.39	12.48	12.57	12.65	12.73
PV Module Effective Efficiency [%]	19.18	19.44	19.70	19.95	20.20	20.46

Measurement Tolerances are, For Pmax: ±3%, For Voc and Isc: ±5%.  
 \* Standard Test Conditions (STC): Irradiance 1000 W/m2, Air Mass 1.5, Module Temperature 25 °C.

TEMPERATURE COEFFICIENTS

Isc Temperature Coefficient	+0.049%/OC
Voc Temperature Coefficient	-0.28%/OC
Pmax Temperature Coefficient	-0.37%/OC

WORKING CONDITIONS

System Voltage	1500VDC	Maximum Static Mechanical Load	negative	-1600Pa
			positive	+2400Pa
Operating temperature	-40 ~+ 85 OC	Fire Type: 1	Protection Type: Class II	Maximum Protection Current: 25 A

PS: The resistance load achievable when installation is performed according to the mounting type corresponding to the relevant maximum resistance load in the installation guide.

IV CURVE

@ 200, 400, 600, 800, 1000 W/m<sup>2</sup>

