

KIT SMALL 105 BLACK	KIT SMALL PLUS 105 BLACK	KIT MEDIUM 140 BLACK	KIT MEDIUM PLUS 140 BLACK	KIT LARGE 170 BLACK
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| ◆ Photovoltaic Module MFB105 (105W) | ◆ Photovoltaic Module MFB105 (105W) | ◆ Photovoltaic Module MFB140 (140W) | ◆ Photovoltaic Module MFB140 (140W) | ◆ Photovoltaic Module MFB170 (170W) |
| ◆ Solar charge regulator PRS300 | ◆ Solar charge regulator PRM350 (MPPT) | ◆ Solar charge regulator PRS300 | ◆ Solar charge regulator PRM350 (MPPT) | ◆ Solar charge regulator PRM350 (MPPT) |
| ◆ Fixing kits KFPB530 | ◆ Fixing kits KFPB530 | ◆ Fixing kits KFPB670 | ◆ Fixing kits KFPB670 | ◆ Fixing kits KFPB670 |
| ◆ KIT Complete KT6K-C50 | ◆ KIT Complete KT6K-C50 | ◆ KIT Complete KT6K-C50 | ◆ KIT Complete KT6K-C50 | ◆ KIT Complete KT6K-C50 |

MODEL	MFB105	MFB140	MFB170
PART-NR	215981B	215982B	215983B
TYPE	PERC (Passivated Emitter and Rear Cell)	PERC (Passivated Emitter and Rear Cell)	PERC (Passivated Emitter and Rear Cell)
CELLS NUMBER	36	36	36
RATED VOLTAGE	12 V	12 V	12 V
MAX POWER	105 W	140 W	170 W
TOLERANCE	+3 %	+3 %	+3 %
OPEN CIRCUIT VOLTAGE	24,75 V	24,25V	24,86 V
SHORT CIRCUIT VOLTAGE	5,46 A	7,35 A	8,78 A
VOLTAGE AT MAX POWER	20,75 V	20,32 V	20,62 V
CURRENT AT MAX POWER	5,10 A	6,89 A	8,25 A
DIMENSIONS (mm)	1062 x 530 x 30	1116 x 670 x 30	1320 x 670 x 30
WEIGHT (Kg)	6,2	8	9,5

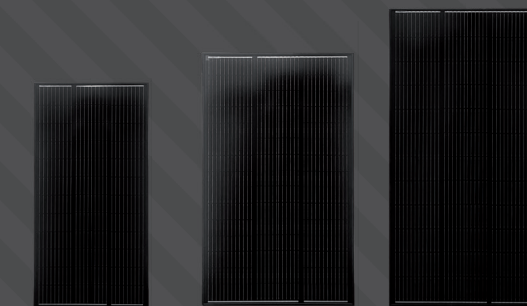
KIT SMALL 110 STANDARD	KIT SMALL PLUS 110 STANDARD	KIT MEDIUM 145 STANDARD	KIT MEDIUM PLUS 145 STANDARD	KIT LARGE 175 STANDARD
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| ◆ Photovoltaic Module MF110 (110W) | ◆ Photovoltaic Module MF110 (110W) | ◆ Photovoltaic Module MF145 (145W) | ◆ Photovoltaic Module MF145 (145W) | ◆ Photovoltaic Module MF175 (175W) |
| ◆ Solar charge regulator PRS300 | ◆ Solar charge regulator PRM350 (MPPT) | ◆ Solar charge regulator PRS300 | ◆ Solar charge regulator PRM350 (MPPT) | ◆ Solar charge regulator PRM350 (MPPT) |
| ◆ Fixing kits KFPN530 | ◆ Fixing kits KFPN530 | ◆ Fixing kits KFPN670 | ◆ Fixing kits KFPN670 | ◆ Fixing kits KFPN670 |
| ◆ KIT Complete KT6K-C50 | ◆ KIT Complete KT6K-C50 | ◆ KIT Complete KT6K-C50 | ◆ KIT Complete KT6K-C50 | ◆ KIT Complete KT6K-C50 |

MODEL	MF110	MF145	MF175
PART-NR	215981	215982	215983
TYPE	PERC (Passivated Emitter and Rear Cell)	PERC (Passivated Emitter and Rear Cell)	PERC (Passivated Emitter and Rear Cell)
CELLS NUMBER	36	36	36
RATED VOLTAGE	12 V	12 V	12 V
MAX POWER	110 W	145 W	175 W
TOLERANCE	+3 %	+3 %	+3 %
OPEN CIRCUIT VOLTAGE	24,78 V	24,48V	24,9 V
SHORT CIRCUIT VOLTAGE	5,68 A	7,54A	9,06 A
VOLTAGE AT MAX POWER	20,78 V	20,52 V	20,61 V
CURRENT AT MAX POWER	5,33 A	7,07 A	8,53 A
DIMENSIONS (mm)	1062 x 530 x 30	1116 x 670 x 30	1320 x 670 x 30
WEIGHT (Kg)	6,2	8	9,5

PHOTOVOLTAIC KIT

◆ BLACK SERIES



MFB105

MFB140

MFB170

◆ STANDARD SERIES



MF110

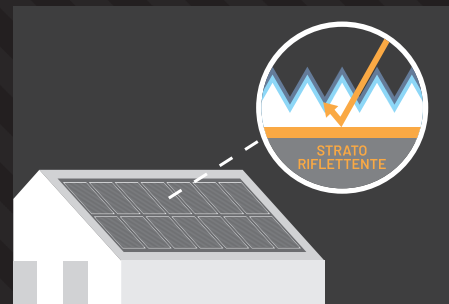
MF145

MF175

PERC CELLS

PHOTOVOLTAIC MODULES CBE

made with **PERC (Passivated Emitter and Rear Cell)** solar cells guarantee a higher level of conversion efficiency and, at the same time, additional technical advantages such as a lower temperature coefficient and, therefore, better performance.



QUICK CONNECTORS

2 QUICK CONNECTORS to connect the latest series of CBE photovoltaic modules.



ANODIZED ALUMINUM KIT



KFPN



KFPB

PRS300



PRM350



MODEL	PRS300	PRM350
RATED VOLTAGE	12V	12V
MAXIMUM VOLTAGE	300W	300W (32+40 cells) – 350W (41+72 cells)
MAX POWER PHOTOVOLTAIC MODULES	2	2
MAXIMUM OUTPUT CURRENT		>95%
NUMBER OF PHOTOVOLTAIC MODULES CONNECTIONS	In the absence of sunlight	In the absence of sunlight
END-OF-CHARGE VOLTAGE	14,1V (A) - 14,3V (B) - 14,7V (C)	14,1V (A) - 14,4V (B) - 14,7V (C) - 14,6V (LI)
FLOAT VOLTAGE	14,1V (A) - 14,3V (B) - 14,7V (C)	13,5V (A) - 13,8V (B) - 13,8V (C) - 13,8V (LI)
NUMBER OF CHARGE LINES	3	4
BATTERY DESULPHATION	YES	YES
REVERSE CURRENT BLOCKING PROTECTION	Electronic	Electronic
REVERSE POLARITY PROTECTION	YES	YES
TEST PANEL CONNECTION	PT 742	PT 742
DIMENSIONS (mm)	115 x 90 H37	150 x 110 H48

KT6K-C50

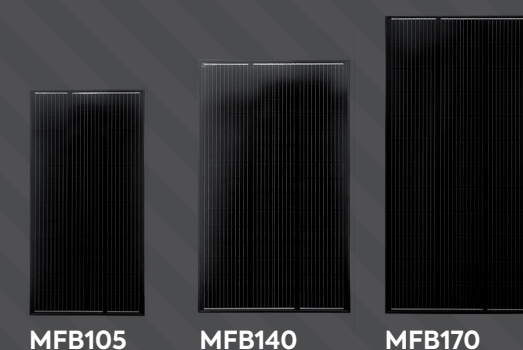
Cable with a cross-section of 4 mm allows very low losses due to voltage drop; specific cable resistant to UV radiation and for outdoor conditions

- ◆ Cable length 5 m
- ◆ Presence of two quick-connectors
- ◆ KT6 series exits roof ducts complete with a PG16 cable entry with internal gasket set up for the passage of two cables
- ◆ Possibility to purchase separately the KTR2-G and KTR2-F sheath fixing kit for anchoring the cables on the roof



PHOTOVOLTAIC KIT

◆ BLACK SERIES

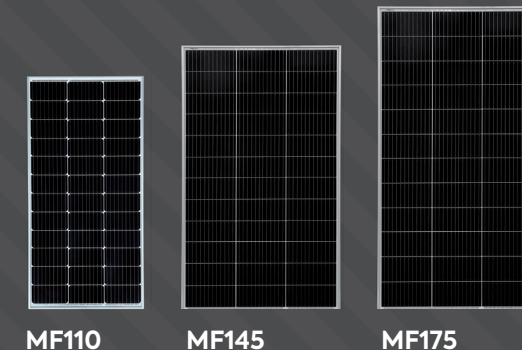


MFB105

MFB140

MFB170

◆ STANDARD SERIES



MF110

MF145

MF175

PERC CELLS