

AG-M120-B- 440Wp

High performance module with „halfcut“ cells

120 cells

M10

BLACK EDITION

Electrical Specification (STC)

Maximum Power at (Pmax)	440Wp
Optimum Operating Voltage (Vmp)	36.59V
Optimum Operating Current (Imp)	11.89A
Open Circuit Voltage (Voc)	43.18V
Short Circuit Current (Isc)	12.53A
Module Efficiency	21.8%
Maximum System Voltage	1500VDC(IEC)
Operating Module Temperature	-40 °C to +85 °C
Maximum Series Fuse Rating	30A
Power Tolerance	0~+5W

Temperature Specification

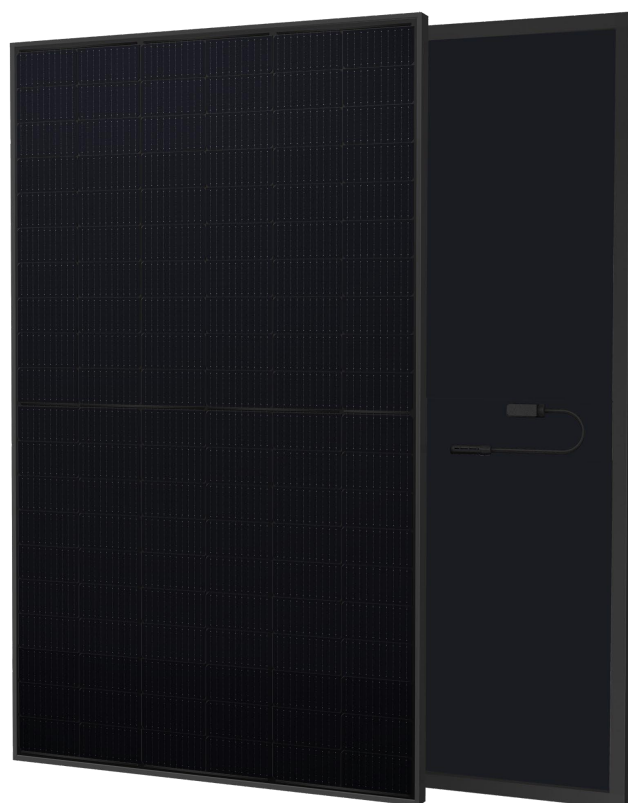
Nominal Operating Cell Temperature (NOCT)	45±2
Temperature Coefficient of Pmax	-0.36 %/°C
Temperature Coefficient of Voc	-0.29 %/°C
Temperature Coefficient of Isc	0.04 %/°C

Mechanical Specification

Solar Cell	M10:182 x 182 mm monocrystalline halfcut,
No. of Cells	120 (6x20)
Dimensions Size 1	1762×1134×30mm(with full black)
Weight Size 1	24.2kg
Front Cover	2 + 2 mm low-iron tempered glass
Junction Box	IP68
Output Cables	4.0 mm ² , symmetrical lengths (1000 mm)
Connectors	MC4 compatible
Fire Safety Class	Class C

Packing Configuration 40*HC Container

Pieces per pallet /Container	36/864
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1762 + 1134 + 30 mm
± 2 mm