

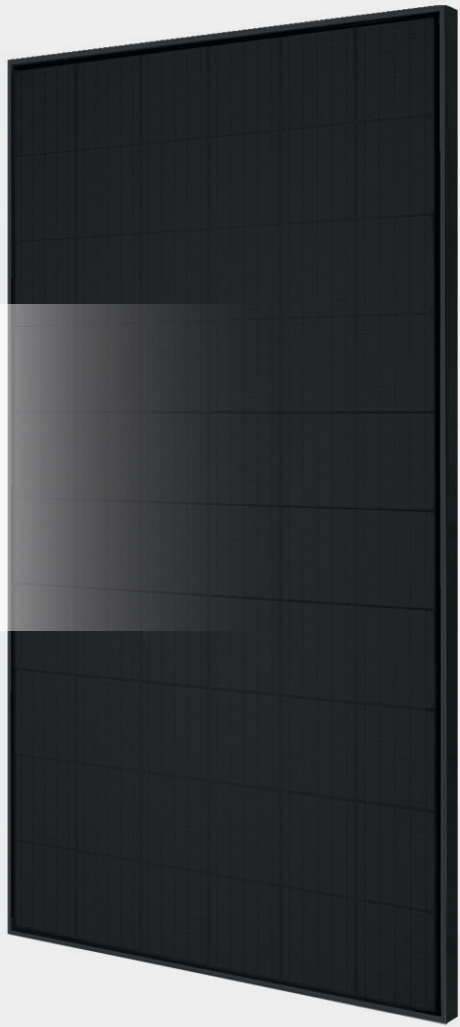


PERLIGHT
smart.black

MONOCRYSTALLINE SOLAR MODULE

PLM-330MB-60

DELTA SERIES



PERFORMANCE

Good performance even under low light conditions



RELIABILITY

Strict selection of raw materials and strict quality control ensure reliability



TRIPLE BLACK

Ideal for Residential

PRODUCT OVERVIEW

- ✓ High efficiency
- ✓ PERC technology
- ✓ Black 5 busbar
- ✓ Excellent low-light performance
- ✓ Clampable on Long & Short sides
- ✓ Extremely reliable screw-less frame
- ✓ Compatible with in-roof systems
- ✓ MCS Certified
- ✓ Worldwide accreditation



19.78% MAX MODULE EFFICIENCY
AFTER INSTALLED

12 YEARS LIMITED
PRODUCT WARRANTY

25 YEARS PERFORMANCE
WARRANTY

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MODEL TYPE			PLM-330MB-60 DELTA SERIES		
Power Output	Pmax	W	320	325	330
Voltage at Pmax	Vmpp	V	33.96	34.18	34.32
Current at Pmax	Impp	A	9.42	9.51	9.63
Open-Circuit Voltage	Voc	V	41.12	41.33	41.52
Short-circuit current	Isc	A	9.98	10.11	10.23
Module Efficiency	Eff.	%	19.18	19.48	19.78

STC:1000W/m² irradiance, 25°C cell temperature, AM 1.5g spectrum according to EN 60904-3.
Power measurement uncertainty +/- 5%

MECHANICAL CHARACTERISTICS

Front cover	3.2mm low-iron tempered glass
Backsheet colour	Black
Type of cells	Monocrystalline Silicon 158.75*158.75
Number of cells	60
Frame	Black Anodised Aluminium
Junction box	IP67
Cables	900mm/4mm ²
Connectors	MC4 compatible IP67
Module dimensions	1665 x 1002 x 35mm
Module weight	18.5kg

OPERATING CONDITIONS

Max. system voltage	1000VDC
Limiting reverse current	15A
Operating temperature range	-40°C to 85°C
Max. static load front (e.g., Snow)	5400Pa
Max. static load back (e.g., Wind)	2400Pa
Max. hailstone impact	25mm@23m/s

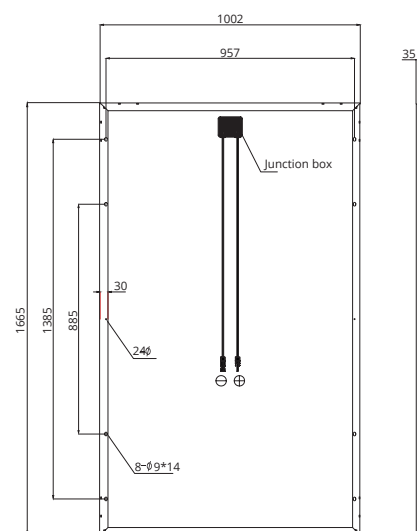
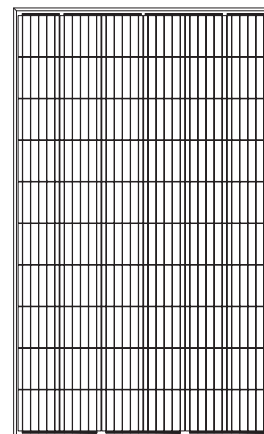
THERMAL CHARACTERISTICS

NOCT	45±2 °C
Temp. Coefficient Pmax	-0.40 %/°C
Temp. Coefficient Voc	-0.30 %/°C
Temp. Coefficient Isc	0.06 %/°C

CLAMPING ZONES

Long side	0mm to 410mm from edge
Short side	0mm to 248mm from edge

MODULE DIAGRAM



ELECTRICAL CURVES

