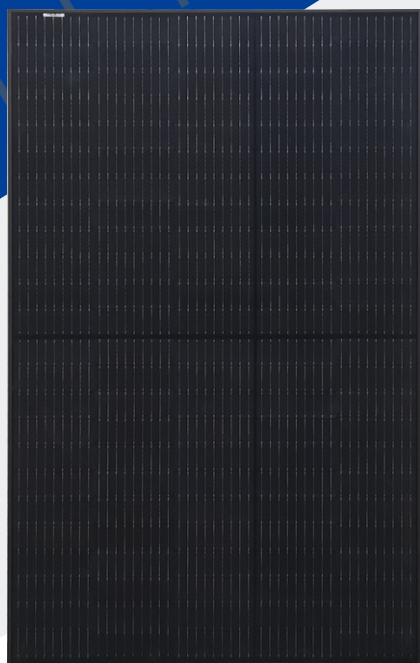




HIGH PERFORMANCE MONOCRYSTALLINE PERC MODULE



FCP40-8-385MB-405M ALL BLACK

120 CELL Mono PERC Module	385-405Wp Power Output Range
1500VDC Maximum System Voltage	21.1% Maximum Efficiency

KEY SALIENT FEATURES

-  Industry leading lowest thermal co-efficient of power
-  Industry leading 15 years product warranty
-  Excellent low irradiance performance
-  Excellent PID resistance
-  Positive power tolerance of 0~+3%
-  Dual stage 100% EL Inspection warranting defect-free product
-  Module Imp binning radically reduces string mismatch losses
-  Excellent wind load 2400Pa & snow load 5400Pa under certain installation method
-  Comprehensive product and system certification
 - ◆ IEC61215:2016; IEC61730-1/-2:2016;
 - ◆ ISO 9001:2015 Quality Management System
 - ◆ ISO 14001:2015 Environmental Management System
 - ◆ ISO 45001:2018 Occupational Health and Safety Management System



* As there are different certification requirements in different markets, please contact your local Fortune CP sales representative for the specific certificates applicable to the products in the region in which the products are to be used.

FORTUNE CP

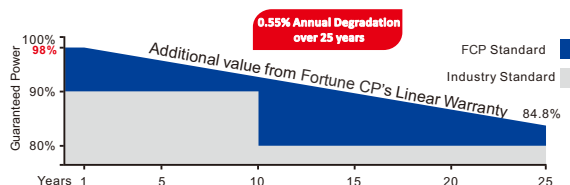
Fortune CP is a leading EPC company and supplier of high-performance solar photovoltaic products and provider of total business solutions for residential, commercial and utility-scale power generation. The company, founded in 2004, has supplied goods and carried out projects in Europe, Africa, Asia, North + South America.

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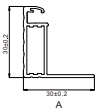
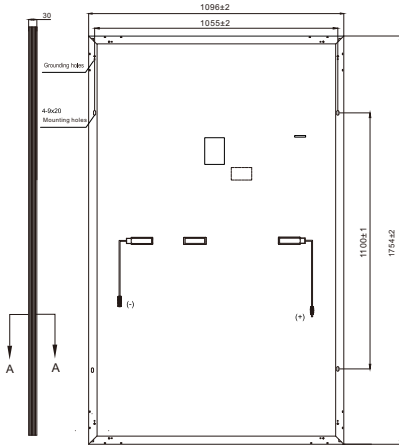
LINEAR PERFORMANCE WARRANTY

15 year Product Warranty / 25 year Linear Power Warranty



* Please check the valid version of Limited Product Warranty which is officially released by Fortune CP Ltd

Dimensions of PV Module Unit: mm



ELECTRICAL DATA (STC)

Model Number	FC40-8-385MB	FC40-8-390MB	FC40-8-395MB	FC40-8-400MB	FC40-8-405MB
Rated Power in Watts-Pmax(Wp)	385	390	395	400	405
Open Circuit Voltage-Voc(V)	40.38	40.69	41.00	41.30	41.60
Short Circuit Current-Isc(A)	12.15	12.21	12.27	12.34	12.40
Maximum Power Voltage-Vmpp(V)	33.62	33.88	34.14	34.39	34.64
Maximum Power Current-Impp(A)	11.46	11.52	11.58	11.64	11.70
Module Efficiency (%) ★	20.0	20.3	20.5	20.8	21.1

STC: Irradiance 1000 W/m², Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3.

★ Module Efficiency (%): Round-off to the nearest number

ELECTRICAL DATA (NMOT)

Model Number					
Maximum Power-Pmax (Wp)	291.8	295.6	299.4	303.1	306.9
Open Circuit Voltage-Voc (V)	37.55	37.84	38.13	38.41	38.69
Short Circuit Current-Isc (A)	9.96	10.01	10.07	10.12	10.17
Maximum Power Voltage-Vmpp (V)	31.20	31.44	31.68	31.91	32.15
Maximum Power Current-Impp (A)	9.35	9.40	9.45	9.50	9.55

NMOT: Irradiance at 800 W/m², Ambient Temperature 20°C, Wind Speed 1 m/s.

MECHANICAL DATA

Solar cells	Monocrystalline
Cell configuration	120 cells (5×12+5×12)
Module dimensions	1754×1096×30mm
Weight	21kg
Superstrate	High Transmission, Low Iron, Tempered ARC Glass
Substrate	Back-sheet (Front side: Black, Back side: White)
Frame	Anodized Aluminium Alloy, Black
J-Box	Potted, IP68, 1500VDC, 3 Schottky bypass diodes
Cables	4.0mm ² , Positive(+)350mm, Negative(-)230mm (Connector Included) or customized length

TEMPERATURE & MAXIMUM RATINGS

Nominal Module Operating Temperature (NMOT)	44°C±2°C
Temperature Coefficient of Voc	-0.25%/°C
Temperature Coefficient of Isc	0.04%/°C
Temperature Coefficient of Pmax	-0.34%/°C
Operational Temperature	-40°C~+85°C
Maximum System Voltage	1500VDC
Max Series Fuse Rating	20A
Limiting Reverse Current	20A

PACKAGING CONFIGURATION

	40ft(HQ)	20ft
Number of modules per container	936	216
Number of modules per pallet	36	36
Number of pallets per container	26	6
Packaging box dimensions (LxWxH) in mm	1770×1120×1236	1770×1120×1236
Box gross weight[kg]	800	800

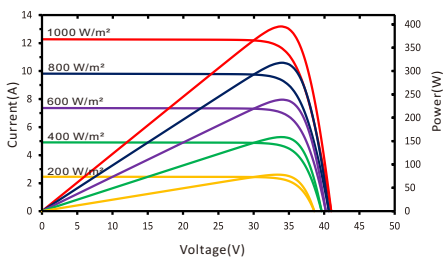
CAUTION: READ SAFETY AND INSTALLATION INSTRUCTIONS BEFORE USING THE PRODUCT.

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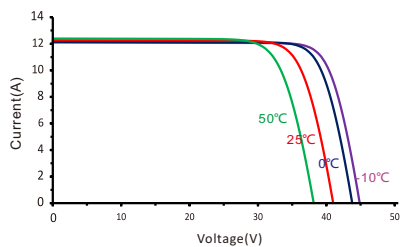
No special undertaking or warranty for the suitability of special purpose or being installed in extraordinary surroundings is granted unless as otherwise specifically committed by manufacturer in contract document.

FCP40-8-395MB

I-V characteristics at different irradiances



I-V characteristics at different temperatures (AM1.5, 1000W/m²)



Our Partners: