



PRODUCTS

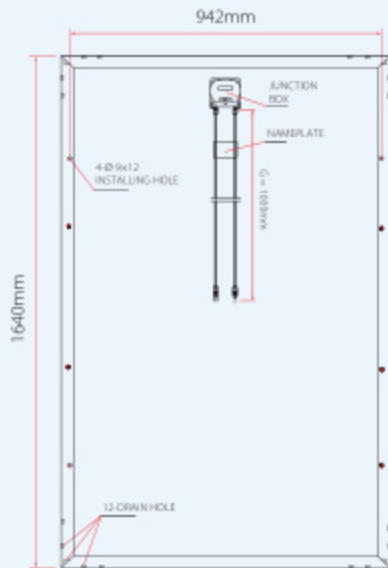
BR-M Series

POWER RANGE

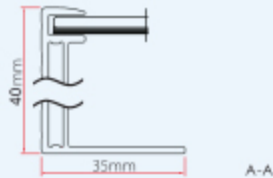
245-260W

240-255W

DIMENSIONS OF PV MODULE

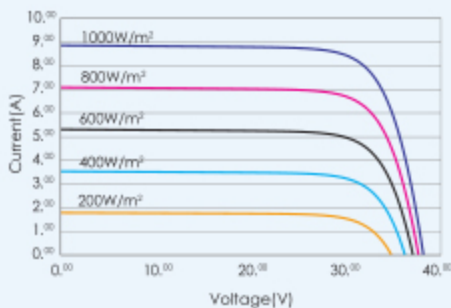


Back View



A-A

I-V CURVES OF PV MODULE(255W)



CERTIFICATION



ELECTRICAL DATA (STC)

	240	245	250	255	260
Peak Power Watts- P_{MAX} (Wp)	240	245	250	255	260
Power Output Tolerance- P_{MAX} (%)	±3%				
Maximum Power Voltage- V_{MPP} (V)	29.9	30.2	30.3	30.5	30.6
Maximum Power Current- I_{MPP} (A)	8.03	8.12	8.27	8.37	8.50
Open Circuit Voltage- V_{OC} (V)	37.5	37.7	38.0	38.1	38.2
Short Circuit Current- I_{SC} (A)	8.65	8.70	8.79	8.88	9.00
Module Efficiency η_m (%)	14.7	15.0	15.3	15.6	15.9

STC: Irradiance 1000 W/m², Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3.
Typical efficiency reduction of 4.5% at 200 W/m² according to EN 60904-1.

ELECTRICAL DATA (NOCT)

	173	176	180	184	187
Maximum Power- P_{MAX} (Wp)	173	176	180	184	187
Maximum Power Voltage- V_{MPP} (V)	28.8	29.0	29.2	29.4	29.6
Maximum Power Current- I_{MPP} (A)	6.01	6.08	6.17	6.25	6.33
Open Circuit Voltage- V_{OC} (V)	34.3	34.5	34.8	34.9	35.0
Short Circuit Current- I_{SC} (A)	6.37	6.45	6.55	6.63	6.71

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

MECHANICAL DATA

Solar cells	Monocrystalline 156 × 156 mm (6 inches)
Cell orientation	60 cells (6 × 10)
Module dimensions	1640 × 992 × 40 mm
Weight	20kg
Glass	High transparency solar glass 3.2 mm
Backsheet	White(CJ156MCW);Black(CJ156MCB)
Frame	Silver Anodized Aluminium Alloy (CJ156MCW); Black(CJ156MCB)
J-Box	IP 65 or IP 67 rated
Cables	Photovoltaic Technology cable 4.0 mm ² , 1000 mm
Connector	compliant with MC4 connectors

TEMPERATURE RATINGS

Nominal Operating Cell Temperature (NOCT)	44°C(± 2°C)(CJ156MCW) 45°C(± 2°C)(CJ156MCB)
Temperature Coefficient of P_{MAX}	- 0.488%/°C
Temperature Coefficient of V_{OC}	- 0.346%/°C
Temperature Coefficient of I_{SC}	+0.065%/°C

WARRANTY

10 year Product Workmanship Warranty
25 year Linear Power Warranty

(Please refer to product warranty for details)

MAXIMUM RATINGS

Operational Temperature	-40~+85°C
Maximum System Voltage	1000V DC (IEC)
Max Series Fuse Rating	15A

PACKAGING CONFIGURATION

Modules per box: 26 pieces
Modules per 40' container: 728 pieces

