










# BERLIN ALTERNATIVE ENERGY INDUSTRY

## Renewable Energy Solutions

El Kilo Circle, Mecca Str. 136, 3<sup>rd</sup>. Floor, Amman-Jordan [www.baeindustry.com](http://www.baeindustry.com)

### Mono-Crystalline Panels

Module Peak Power	90 Watt	150 Watt	150 Watt	180 Watt	225 Watt	250 Watt	300 Watt
Picture							
Product Code	M 365 - 90	M 36 - 150	M 60S -150	M 72S - 180	M 54 - 225	M 60 - 250	M 72 - 300
Module Efficiency (%)	13.6	15	13.9	14.1	15.2	15.3	15.4
Cells in Series	36 (4 x 9)	36 (4 x 9)	60 (6 x 10)	72 (6 x 12)	54 (6 x 9)	60 (6 x 10)	72 (6 x 12)
Cell Size (mm)	125	156	125	125	156	156	156
Voltage at Max. Power ( $V_{pm}$ )	18.10	18.28	30.17	36.20	27.43	30.46	36.58
Open Circuit Voltage ( $V_{oc}$ )	22.28	22.68	37.14	44.57	34.02	37.80	45.36
Current at Max. Power ( $I_{pm}$ )	4.98	8.21	4.98	4.98	8.21	8.21	8.21
Short Circuit Current ( $I_{sc}$ )	5.67	8.78	5.67	5.67	8.78	8.78	8.78
Module Size (mm) (LxWxD)	1215 x 545 x 45	1495 x 670 x 45	1345 x 800 x 45	1600 x 800 x 45	1495 x 990 x 45	1655 x 990 x 45	1965 x 990 x 45
Area (m <sup>2</sup> )	0.66 m <sup>2</sup>	1.00 m <sup>2</sup>	1.08 m <sup>2</sup>	1.28 m <sup>2</sup>	1.48 m <sup>2</sup>	1.64 m <sup>2</sup>	1.95 m <sup>2</sup>
Module Weight (Kg)	~9	~12.8	~13.7	~16	~18	~19.8	~23.2

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