

### TYPICAL PERFORMANCE CHARACTERISTICS

|                             |        |
|-----------------------------|--------|
| Model                       | TF100  |
| Typical power (Wp)          | 100    |
| Tolerance (%)               | + - 5% |
| Voltage at max.power (V)    | 75     |
| Current at max.power (A)    | 1.33   |
| Open circuit voltage (Voc)  | 101    |
| Short circuit current (Isc) | 1.65   |

Standard test conditions: 1000W/m<sup>2</sup>, AM 1.50 and 25 degree C.  
Electrical data above represent stabilized values of standard test conditions (STC)

### MECHANICAL DATA

|                               |                            |
|-------------------------------|----------------------------|
| Dimension (mm)                | L 1,414 x W 1,114 x T 37.5 |
| Weight (Kg)                   | 21                         |
| Connector                     | MC or MC equivalent        |
| Cable length (mm)             | 1,000                      |
| Cable size (mm <sup>2</sup> ) | 2.5                        |

### TEMPERATURE COEFFICIENTS

|                           |              |
|---------------------------|--------------|
| Maximum power (W)         | - 0.20% / °C |
| Maximum power voltage (V) | - 0.32% / °C |
| Maximum power current (A) | + 0.14% / °C |
| Open circuit voltage (V)  | - 0.33% / °C |
| Short circuit current (A) | + 0.09% / °C |

### INSTALLATION LIMITATIONS

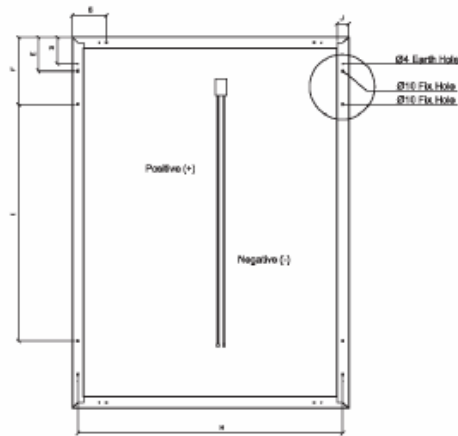
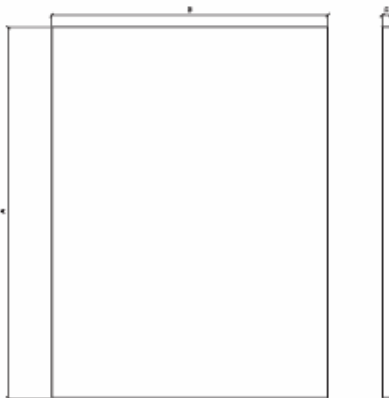
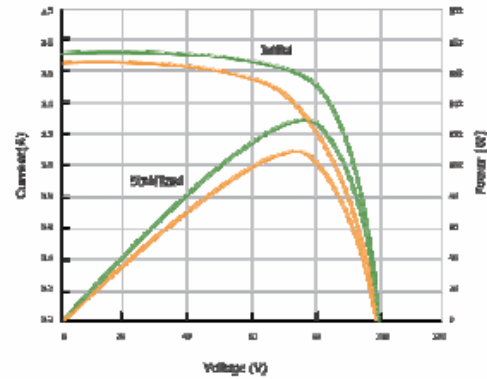
|                              |  |
|------------------------------|--|
| Maximum system voltage (V)   | 750  |
| Operating module temperature | -40°C to +85°C                                 |
| Maximum load                 | 2,400N/m <sup>2</sup> or 245 Kg/m <sup>2</sup> |

### CERTIFICATION

|          |           |
|----------|-----------|
| IEC61646 | Certified |
| IEC61730 | Certified |

### WARRANTY

|              |   |
|--------------|---|
| Product      | 3 years   |
| Power output | Terrestrial: 25 years / 80% yield<br>Marine: 10 years / 90% yield |



|   |       |
|---|-------|
| A | 1414  |
| B | 1114  |
| C | 37.5  |
| D | 118.5 |
| E | 150   |
| F | 297   |
| G | 153   |
| H | 1070  |
| I | 800   |
| J | 50    |

(Dimensions in mm)  
(Tolerance ± 2mm)