

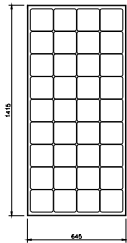


**Udhaya Semiconductors Limited**

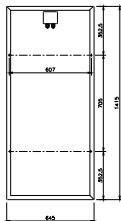
An ISO 9001:2000 company

## USP200 M6 200W Module Specifications:

**Part No: 200-150150M**



**Module Rear view**



|                      |  |
|----------------------|--|
| Cell Type            | <b>150mm X 150mm PSQ</b><br>Mono Crystalline Solar cells |
| No. of cells         | 72 cells   |
| Application          | Battery Charging etc.,                                   |
| Dimensions (mm) +/-1 | 1860 x 950 x 35 mm                                       |

### Absolute maximum Ratings

|                              |                 |
|------------------------------|-----------------|
| Operating Temperature        | -40° to +90° C  |
| Storage Temperature          | -40° to +90° C  |
| Dielectric withstand Voltage | 2,000 max, V-AC |
| With Wind Speed              | Max 60m / sec   |

### Electrical Specifications:

(Standard Test Condition : Irradiance 1,000 W/sq.m,  
Temperature 25deg C Airmass 1.5 spectrum)

|   |               |
|---|---------------|
| <b>Maximum power (Pmax)</b>             | <b>200 Wp</b> |
| Voltage @ max. power ( <b>Vmp</b> )     | 34.2 V        |
| Current @ max. power ( <b>Imp</b> )     | 5.85 A        |
| Short-circuit current ( <b>Isc</b> )    | 6.44 A        |
| Open circuit Voltage ( <b>Voc</b> )     | 42.0 V        |
| Minimum warranted power ( <b>Pmin</b> ) | 185 Wp        |

These data represent the performance of typical modules as measured at their output terminals, and do not include the effect of such additional equipment as diodes or cables. The data are based on measurements made in accordance with ASTM E1036 corrected to SRC (Standard Reporting Conditions, also known as STC or Standard Test Conditions), which are:

- Illumination of 1kW/m2 (1 sun) at spectra; distribution of AM 1.5 (ASTM E892 global spectral irradiance);
- Cell temperature of 25°C

During the stabilization process which occurs during the first few months of deployment, module power may decrease approximately 3% from typical Pmax