



# Solartech Power, Inc.

## SPECIFICATIONS

### ELECTRICAL CHARACTERISTICS

|                             |  |                    |                |
|-----------------------------|--|--------------------|----------------|
| Model                       | SPC055P  |                    |                |
| Power at STC (Pm)           | 55W  |                    |                |
| Maximum power voltage (Vpm) | 17.2V  |                    |                |
| Maximum power current (Ipm) | 3.20A  |                    |                |
| Open circuit voltage (Voc)  | 21.6V  |                    |                |
| Short circuit current (Isc) | 3.56A  |                    |                |
| Tolerance                   | ±5%  |                    |                |
| Module efficiency           | 12.45%   |                    |                |
| Standard test conditions    | Temperature 25°C, Irradiance 1000W/m <sup>2</sup> , AM=1.5 |                    |                |
| Maximum system voltage      | 600V DC  | Series fuse rating | 10A            |
| Temperature coefficient     | Isc: 0.05%/K   | Voc: -0.36%/K      | Pmax: -0.46%/K |

### Specifications

|                            |   |
|----------------------------|---|
| Cell                       | Multicrystalline silicon solar cell, (156mmx59mm) |
| No. of cell and connection | 36 (4x9)  |
| Dimension                  | 675mm (26.57in) x 600mm (23.62in) x 35mm (1.38in) |
| Weight                     | 5.0KG 11 lbs                                      |

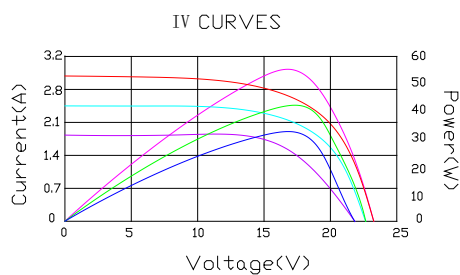
### AMBIENT CONDITIONS

|                       |                |
|-----------------------|----------------|
| Operating Temperature | -40°C to +85°C |
| Storage Humidity      | <90%           |

### Output

|                         |               |
|-------------------------|---------------|
| Type of output terminal | Junction box  |
| Cable                   | Mc4 style 3ft |

### IV CURVES



### OUTLINE DIMENSIONS

