

ELECTRICAL SPECIFICATIONS

| Model NO. | FL095P | FL100P |
|----------------------------|--|--------|
| Peak power(Pmax) | 95W | 100W |
| Maximum power voltage(Vmp) | 17.8V | 18V |
| Maximum power current(Imp) | 5.33A | 5.56A |
| Short-circuit current(Isc) | 5.65A | 5.89A |
| Open circuit voltage(Voc) | 22.1V | 22.4V |
| Cell efficiency(η) | 16.80% | 17.20% |
| Power tolerance: | $\pm 3\%$ | |
| Operating temperature | -40°C to $+85^{\circ}\text{C}$ | |
| Maximum system voltage | 715VDC | |

TEMPERATURE COEFFICIENT

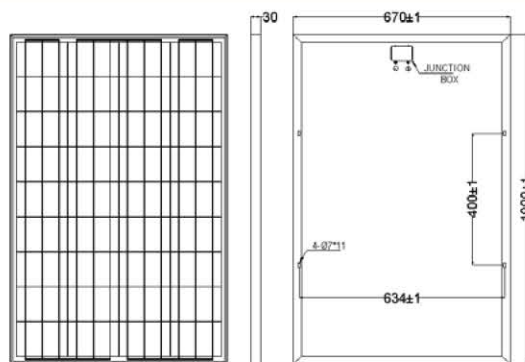
| | |
|---------------------------------|-----------|
| Current temperature coefficient | 0.037%/°C |
| Voltage temperature coefficient | -0.34%/°C |
| Power temperature coefficient | -0.48%/°C |

STC: Irradiance of 1000W /m2, AM 1.5, Cell Temperature of 25°C

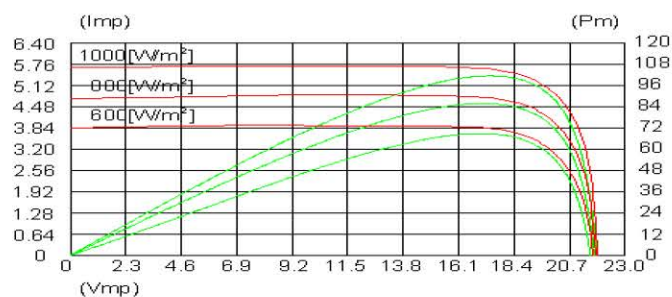
MECHANICAL SPECIFICATIONS

| | |
|-----------------|----------------------------|
| Cell Type | 156mm x 156mm |
| Number of Cells | 36 cells in series |
| Weight | 8.7 kg (19.14 lbs) |
| Dimension | 1000x670x30mm |
| Max Load | 5400 Pascals (112 lb/ft2) |
| Junction Box | |
| Cable/Connector | |

PHYSICAL CHARACTERISTICS



ELECTRICAL CHARACTERISTICS



ELECTRICAL SPECIFICATIONS

| Model NO. | FL115P | FL120P |
|----------------------------|--|--------|
| Peak power(Pmax) | 115W | 120W |
| Maximum power voltage(Vmp) | 17.8V | 18V |
| Maximum power current(Imp) | 6.46A | 6.67A |
| Short-circuit current(Isc) | 6.84A | 7.06A |
| Open circuit voltage(Voc) | 22.1V | 22.4V |
| Cell efficiency(η) | 16.80% | 17.20% |
| Power tolerance: | $\pm 3\%$ | |
| Operating temperature | -40°C to $+85^{\circ}\text{C}$ | |
| Maximum system voltage | 715VDC | |

TEMPERATURE COEFFICIENTS

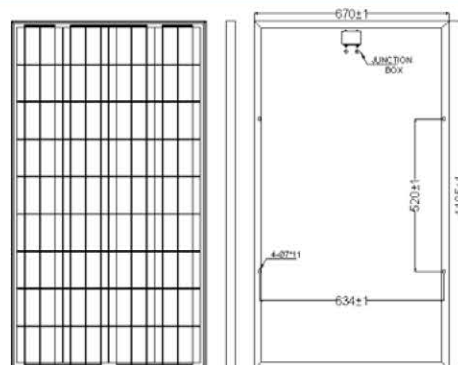
| | |
|---------------------------------|-----------|
| Current temperature coefficient | 0.037%/°C |
| Voltage temperature coefficient | -0.34%/°C |
| Power temperature coefficient | -0.48%/°C |

STC: Irradiance of 1000W /m2, AM 1.5, Cell Temperature of 25°C

MECHANICAL SPECIFICATIONS

| | |
|-----------------|----------------------------|
| Cell Type | 156mm x 156mm |
| Number of Cells | 36 cells in series |
| Weight | 10.3 kg (22.66bs) |
| Dimension | 1185x670x30mm |
| Max Load | 5400 Pascals (112 lb/ft2) |
| Junction Box | |
| Cable/Connector | |

PHYSICAL CHARACTERISTICS



ELECTRICAL CHARACTERISTICS

