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Solar Panel Guide Specification Data Sheet

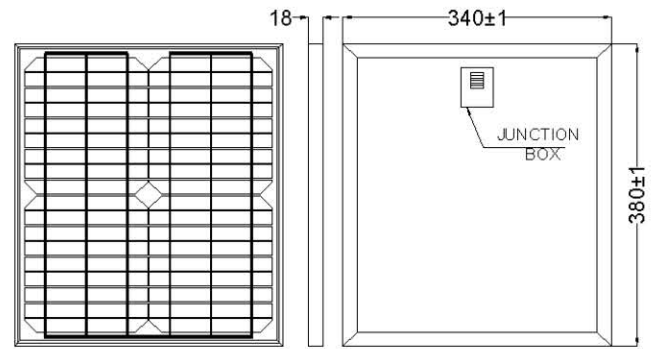
**For Leaves Limited
Mono 15-17
FL017M**

Also available on the web at
EnergyPal.com/for-leaves-limited-solar-panels/fl017m

ELECTRICAL SPECIFICATIONS

| Model No. | FL015M | FL017M |
|-----------------------------|----------------|--------|
| Peak power(Pmax) | 15W | 17W |
| Maximum power voltage(Vmp) | 18.0V | 18.2V |
| Maximum power current(Impp) | 0.83A | 0.93A |
| Short-circuit current(Isc) | 0.87A | 0.99A |
| Open circuit voltage(Voc) | 22.2V | 22.6V |
| Cell efficiency(η) | 16.00% | 17.20% |
| Power tolerance: | ±3% | |
| Operating temperature | -40°C to +85°C | |
| Maximum system voltage | 600VDC | |

PHYSICAL CHARACTERISTICS



TEMPERATURE COEFFICIENT

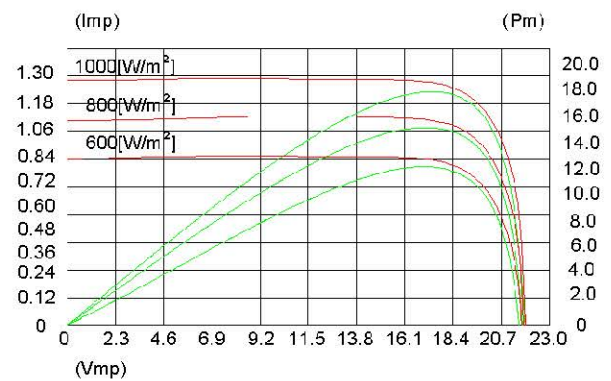
| | |
|---------------------------------|-----------|
| Current temperature coefficient | 0.037%/°C |
| Voltage temperature coefficient | -0.34%/°C |
| Power temperature coefficient | -0.48%/°C |

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 | 2.1kg (4.75lbs) |
| Dimension | 380x340x18mm |
| Max Load | 5400 Pascals (112 lb/ft2) |
| Junction Box | |
| Cable/Connector | |

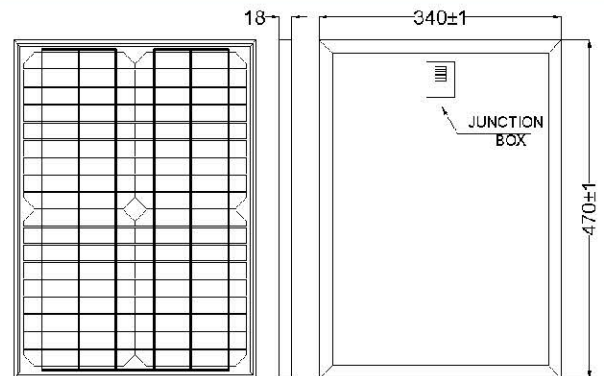
ELECTRICAL CHARACTERISTICS



ELECTRICAL SPECIFICATIONS

| Model NO. | FL020M |
|-----------------------------|----------------|
| Peak power(Pmax) | 20W |
| Maximum power voltage(Vmp) | 18.0V |
| Maximum power current(Impp) | 1.11A |
| Short-circuit current(Isc) | 1.17A |
| Open circuit voltage(Voc) | 22.4V |
| Cell efficiency(η) | 16.50% |
| Power tolerance: | ±3% |
| Operating temperature | -40°C to +85°C |
| Maximum system voltage | 600VDC |

PHYSICAL CHARACTERISTICS



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 | 2.6kg (5.72lbs) |
| Dimension | 470x340x18mm |
| Max Load | 5400 Pascals (112 lb/ft2) |
| Junction Box | |
| Cable/Connector | |

ELECTRICAL CHARACTERISTICS

