

ELECTRICAL DATA

| MODULE SILK® Pro | | FU 360 M SILK® Pro | FU 365 M SILK® Pro | FU 370 M SILK® Pro | FU 375 M SILK® Pro | FU 380 M SILK® Pro |
|------------------|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
|------------------|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|

Standard Test Conditions STC: 1000 W/sqm - AM 1.5 - 25 °C - tolerance: Pmax (±3%). Voc (±4%). Isc (±5%)

| | | | | | | |
|------------------------------|---|-------|-------|-------|-------|-------|
| Module power (Pmax) | W | 360 | 365 | 370 | 375 | 380 |
| Open circuit voltage (Voc) | V | 40.80 | 41 | 41.20 | 41.40 | 41.60 |
| Short circuit current (Isc) | A | 11.15 | 11.23 | 11.31 | 11.39 | 11.47 |
| Maximum power voltage (Vmpp) | V | 33.81 | 34.02 | 34.23 | 34.44 | 34.64 |
| Maximum power current (Impp) | A | 10.65 | 10.73 | 10.81 | 10.89 | 10.97 |
| Module efficiency | % | 19.76 | 20.04 | 20.31 | 20.59 | 20.86 |

Nominal Module Operating Temperature NMOT: 800 W/mq - T=45 °C - AM 1.5

| | | | | | | |
|------------------------------|---|-------|-------|-------|-------|-------|
| Module power (Pmax) | W | 266 | 269 | 273 | 276 | 280 |
| Open circuit voltage (Voc) | V | 37.75 | 37.96 | 38.16 | 38.35 | 38.54 |
| Short circuit current (Isc) | A | 9.11 | 9.16 | 9.21 | 9.26 | 9.31 |
| Maximum power voltage (Vmpp) | V | 31.10 | 31.30 | 31.50 | 31.70 | 31.90 |
| Maximum power current (Impp) | A | 8.54 | 8.60 | 8.66 | 8.72 | 8.78 |

TEMPERATURE RATINGS

| | | |
|------------------------------|------|-----------------|
| Temperature coefficient Isc | %/°C | 0.05 |
| Temperature coefficient Voc | %/°C | -0.28 |
| Temperature coefficient Pmax | %/°C | -0.35 |
| NMOT * | °C | 45 |
| Operating temperature | °C | from -40 to +85 |

*Nominal Module Operating Temperature

MECHANICAL SPECIFICATIONS

| | |
|------------------------------|---|
| Dimensions | 1755 x 1038 x 35 mm |
| Weight | 19.7 kg |
| Glass | High transmission, Low iron, Tempered, ARC, Transparent, 3.2 mm |
| Cell encapsulation | EVA (Ethylene Vinyl Acetate) |
| Cells | 120 monocrystalline half-cut PERC cells 166 x 83 mm |
| Backsheet | Composite multilayer film |
| Frame | Anodized aluminium frame with mounting and drainage holes |
| Junction box | Certified according to IEC 62790, IP 68 approved, 3 bypass diodes |
| Cables | Solar cable, length 1200 mm or customized assembled with MC4-compatible plugs |
| Maximum reverse current (Ir) | 20 A |
| Maximum system voltage | 1000 V (1500 V on request) |
| Mechanical load (snow) | Design load: 3600 Pa 5400 Pa (including safety factor 1.5) |
| Mechanical load (wind) | Design load: 1600 Pa 2400 Pa (including safety factor 1.5) |
| Protection Class | II - accordance to IEC 61730 |

Authorized Dealer

2021_120m_360-380_Silk_Pro_en



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