

| MECHANICAL CHARACTERISTICS | | ABSOLUTE MAXIMUM RATING | |
|----------------------------|--|---------------------------------|--------------------------------|
| Cell Type | M10L 16BB TOPCon Solar Cell | Mechanic Load | 5400 Pa (Snow)/ 2400 Pa (Wind) |
| No.of Cells | 182,2x91,8mm (144 pcs) | Maximum Series Fuse Rating | 30 A |
| Dimensions | 2297x1134x35mm | Application Safety Class | II |
| Weight | 28 kg (61,73 lbs) | Fire Rating(IEC61730) | C |
| Glass | 3.2mm (0.13 inch) Anti Reflective Coating | Module Fire Performance(UL1703) | Type1 |
| Frame | Silver Anodized Aluminum Alloy | | |
| Junction Box | IP 68 Rated/ Original MC4 EVO-2/QC4.10 PLUS | | |
| Output Cables | 4mm ² Solar Cable; 400mm(+), 300(-)mm | | |

*Cable lengths can be produced as 1500mm(+) and 1300mm(-) according to customer requests.

*Set Solar Galvani Series M10L modules can be packed with box.

| SPECIFICATIONS | | | | | | | | |
|---|----------------|-------|-----------|-------|-----------|-------|-----------|-------|
| MODEL | SET72-600 | | SET72-605 | | SET72-610 | | SET72-615 | |
| | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT |
| Rated Power (P _{mp}) | 600 | 463 | 605 | 467 | 610 | 470 | 615 | 474 |
| Rated Voltage (V _{mp}) | 44,80 | 42,56 | 44,95 | 42,7 | 45,06 | 42,81 | 45,15 | 42,89 |
| Rated Current (I _{mp}) | 13,47 | 10,87 | 13,54 | 10,93 | 13,62 | 10,98 | 13,69 | 11,06 |
| Open Circuit Voltage (V _{oc}) | 51,99 | 49,39 | 52,14 | 49,53 | 52,27 | 49,66 | 52,39 | 49,77 |
| Short Circuit Current (I _{sc}) | 14,14 | 11,41 | 14,15 | 11,42 | 14,17 | 11,42 | 14,2 | 11,46 |
| Module Efficiency (%) | 23,03 | | 23,23 | | 23,42 | | 23,62 | |
| Power Tolerance | 0~+ 4.99 W | | | | | | | |
| Maximum System Voltage | 1500V DC (IEC) | | | | | | | |
| Maximum Series Fuse Rating | 30 A | | | | | | | |
| Operating Temperature | -40/+85 °C | | | | | | | |
| NOCT (Nominal Operating Cell Temperature) | 45°C ± 2°C | | | | | | | |
| Voltage Temperature Coefficient (β) | -0.25%/°C | | | | | | | |
| Current Temperature Coefficient (α) | +0.045%/°C | | | | | | | |
| Power Temperature Coefficient (γ) | -0.30%/°C | | | | | | | |

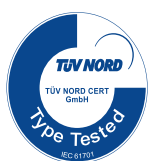
*STC 1000W/m², Cell Temperature 25°C, AM=1.5

*NOCT 800 W/m², Ambient Temperature 20°C, AM = 1.5 Wind Speed = 1m/s

| BIFACIAL REAR SIDE POWER GAIN | | | | | |
|---------------------------------|-----------------------|----------------------------------|----------------------------------|---|--|
| Maximum Power (W _p) | P _{max} Gain | Rated Voltage (V _{mp}) | Rated Current (I _{mp}) | Open Circuit Voltage (V _{oc}) | Short Circuit Current (I _{sc}) |
| 630 | 5% | 44,80 | 14,14 | 51,99 | 14,85 |
| 660 | 10% | 44,80 | 14,82 | 51,99 | 15,55 |
| 690 | 15% | 44,80 | 15,49 | 51,99 | 16,26 |
| 720 | 20% | 44,80 | 16,16 | 51,99 | 16,97 |
| 750 | 25% | 44,80 | 16,84 | 51,99 | 17,68 |
| 780 | 30% | 44,80 | 17,51 | 51,99 | 18,38 |

*Electrical Characteristics with different rear side power gain for reference (to 600 W_p STC)

CERTIFICATES



HEADQUARTERS

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