

ODT 660 P

Mechanical Characteristics

| | |
|---------------------|--|
| Dimensions | 1649 x 989 x 45 mm |
| Cells | 60 Polycrystalline Cells 156 x 156 mm |
| Frame | Anodized Aluminum |
| Junction Box | IP65, TUV & UL, Protection class II |
| Cables | IP68 LC4, 1000 mm Length, 4 mm ² , TUV & UL |
| Weight | ~21kgr |
| Glass | 4mm, tempered, Class U1, SPF, matt/prismatic |

Electrical Characteristics

STC* (1000 W/m²)

| Nominal Power P_{max} | [Wp] | 195 | 200 | 205 | 210 | 215 | 220 | 225 | 230 | 235 |
|---|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Power tolerance | [%] | -2/+3 | | | | | | | | |
| Module efficiency | [%] | 0.120 | 0.123 | 0.126 | 0.129 | 0.132 | 0.135 | 0.138 | 0.141 | 0.144 |
| Open-circuit voltage Voc | [V] | 37.42 | 37.48 | 37.54 | 37.60 | 37.66 | 37.72 | 37.78 | 37.84 | 37.90 |
| Short-circuit current I_{sc} | [A] | 7.61 | 7.69 | 7.77 | 7.85 | 7.93 | 8.01 | 8.09 | 8.17 | 8.25 |
| Voltage at P_{max} V_{mpp} | [V] | 28.28 | 28.56 | 28.84 | 29.12 | 29.39 | 29.68 | 29.96 | 30.24 | 30.52 |
| Current at P_{max} I_{mpp} | [A] | 6.9 | 7.0 | 7.1 | 7.2 | 7.3 | 7.4 | 7.5 | 7.6 | 7.7 |

NOCT* (800 W/m²)

| | | | | | | | | | |
|--------------------------------------|--|-------|-------|-------|-------|-------|-------|-------|-------|
| Nominal Power Pmax [Wp] | 104.4 | 143.9 | 147.4 | 150.9 | 154.4 | 158.1 | 161.7 | 165.4 | 169.1 |
| Open-circuit voltage Voc [V] | 33.67 | 33.73 | 33.78 | 33.84 | 33.9 | 33.94 | 34.0 | 34.05 | 34.11 |
| Short-circuit current Isc[A] | 6.08 | 6.15 | 6.21 | 6.28 | 6.34 | 6.4 | 6.47 | 6.53 | 6.6 |
| Voltage at Pmax Vmpp [V] | 25.45 | 25.7 | 25.95 | 26.2 | 26.45 | 26.71 | 26.96 | 27.21 | 27.45 |
| Current at Pmax Impp [A] | 5.52 | 5.6 | 5.68 | 5.76 | 5.84 | 5.92 | 6.0 | 6.08 | 6.16 |
| Maximum series fuse rating [A] | 12A | | | | | | | | |
| Temperature coefficient of Isc | -0.5 %/C | | | | | | | | |
| Temperature coefficient of Voc | -0.35 %/C | | | | | | | | |
| Temperature coefficient of Isc | +0.067%/C | | | | | | | | |
| Maximum system voltage | >1000VDC | | | | | | | | |
| NOCT** | 43.4°C | | | | | | | | |
| Application class | Class A | | | | | | | | |
| Certification | IEC EN61215:2005, ed2* and 61730:2007 part I & II * Static load front and back 5400Pa | | | | | | | | |
| Power Warranty | 10 years (-10%), 25 years (-25%) | | | | | | | | |
| Manufacturing Warranty | 5 years | | | | | | | | |

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