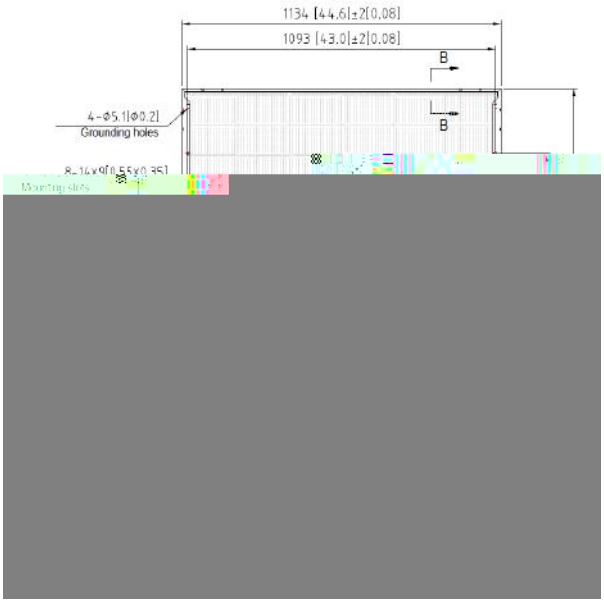
SUNTECH

# Ultra V Pro STPXXXS-H48-Nth+ 430-450W

| | |
|---|---|
| | N |
| | 96 (6 × 16) |
| | 1762 × 1134 × 30 (69.4 × 44.6× 1.2 ) |
| | 21.5 (47.40 ) |
| \ | 1.6+1.6 (0.063+ 0.063 ) |
| | 4.0<br>(-) 1400 / (+) 1400 |
| | IP68 ă (3 )<br>-40 °C to +85 °C |
| | 1500 V DC (IEC) |
| | STP-XC4 /MC4-EVO2( ) |
| | 35 A |
| | 0/+5 W |
| | (80 ± 5)% |
| | |
| | 36 /<br>1296 /17.5<br>1762×1120×1255 / 816 / |




| | STP450S-H48-Nth+ | | STP445S-H48-Nth+ | | STP440S-H48-Nth+ | | STP435S-H48-Nth+ | | STP430S-H48-Nth+ | |
|---|---|---|---|---|---|---|---|---|---|---|
| | STC | NMOT | STC | NMOT | STC | NMOT | STC | NMOT | STC | NMOT |
| (Pmax/W) | 450 | 344 | 445 | 340 | 440 | 336 | 435 | 333 | 430 | 329 |
| (Vmp/V) | 29.32 | 28.00 | 29.14 | 27.80 | 28.97 | 27.70 | 28.79 | 27.50 | 28.61 | 27.30 |
| (Imp/A) | 15.35 | 12.29 | 15.27 | 12.23 | 15.19 | 12.16 | 15.11 | 12.10 | 15.03 | 12.04 |
| (Voc/V | 35.71 | 33.90 | 35.50 | 33.80 | 35.29 | 33.60 | 35.08 | 33.40 | 34.87 | 33.20 |
| (Isc/A) | 16.01 | 12.91 | 15.93 | 12.84 | 15.85 | 12.78 | 15.77 | 12.72 | 15.69 | 12.65 |
| (%) | 22.5 | | 22.3 | | 22.0 | | 21.8 | | 21.5 | |

STC: 1000 W/m², 25 ḫ,AM=1.5;NMOT: 800 W/m², 20 ḫ, AM=1.5, 1 m/s´ +/- 3%;

440W - & - ʒ440W ʒ

| | | 5% | 15% | 25% |
|---|---|---|---|---|
| STC | (Pmax/W) | 462 | 506 | 550 |
| | (Vmp/V) | 29.00 | 29.00 | 29.10 |
| | (Imp/A) | 15.95 | 17.47 | 18.99 |
| | (Voc/V) | 35.30 | 35.30 | 35.40 |
| | (Isc/A) | 16.64 | 18.23 | 19.81 |
| | (%) | 23.1 | 25.3 | 27.5 |

| | |
|---|---|
| (NMOT) | 42 ± 2 °C |
| (Pmax) | -0.29%/°C |
| (Voc) | -0.25%/°C |
| (Isc) | 0.046%/°C |

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