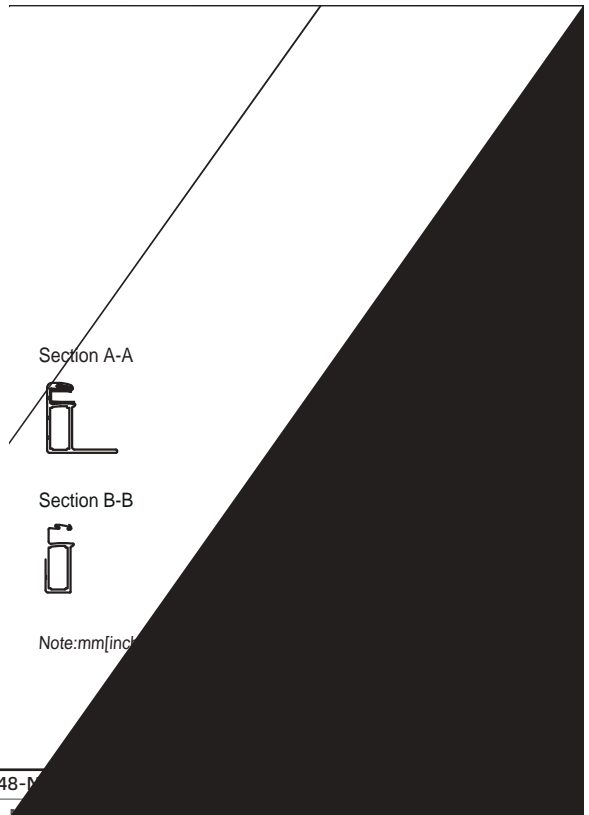




Ultra V Pro STPXXXS - H48-Nkh+ 430-450W

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
 (-) 1400 / (+) 1400
 IP68 (3)
 -40 °C to +85 °C
 1500 V DC (IEC)
 STP-XC4 /MC4-EVO2()
 35 A
 0/+5 W
 (80 ± 5)%
 36 /
 1296 /17.5
 1762×1120×1255 816



| | STP450S-H48-Nkh+ | | STP445S-H48-Nkh+ | | STP440S-H48-Nkh+ | | STP435S-H48-Nkh+ | | STP430S-H48-Nkh+ | |
|----------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|
| | STC | NMOT | STC | NMOT | STC | NMOT | STC | NMOT | STC | NMOT |
| (Pmax/W) | 450 | 344.1 | 445 | 340.2 | 440 | 336.4 | 435 | 332.6 | 430 | 328.8 |
| (Vmp/V) | 29.32 | 28 | 29.14 | 27.8 | 28.97 | 27.7 | 28.79 | 27.5 | 28.61 | 27.3 |
| (Imp/A) | 15.35 | 12.29 | 15.27 | 12.23 | 15.19 | 12.16 | 15.11 | 12.1 | 15.03 | 12.04 |
| (Voc/V) | 35.71 | 33.9 | 35.5 | 33.8 | 35.29 | 33.6 | 35.08 | 33.4 | 34.87 | 33.4 |
| (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 | | 21.8 | |

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

| | 5% | 15% | 25% |
|---------|-------|-------|-------|
| (Pmax) | 472.5 | 517.5 | 562.5 |
| (Vmp/V) | 29.3 | 29.3 | 29.4 |
| (Imp/A) | 16.12 | 17.65 | 19.19 |
| (Voc/V) | 35.7 | 35.7 | 35.8 |
| (Isc/A) | 16.81 | 18.41 | 20.01 |
| (%) | 23.7 | 25.9 | 28.2 |

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

