



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

Section A-A



Section B-B

Note:mm[inch]

	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)	29.3	29.3	29.4
(Imp)	16.12	17.65	19.19
(Voc)	35.7	35.7	35.8
(Isc)	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

