



## STPXXXS - B72/Pnhg 435-455W

166
144 (6 × 24)
2095 × 1039 × 30 (82.5 × 40.9 × 1.2 )
24.5 ( 54.0 )
3.2 (0.126 )
4.0
(-)350 / (+)160
STP-XC4
IP68 3
-40 ° C - +85 ° C
1500 V DC (IEC)
20 A
0/+5 W
(70 ± 5)%
mm 2125 × 1130 × 1205
kg 814
31 /
744 /13 930 /17.5

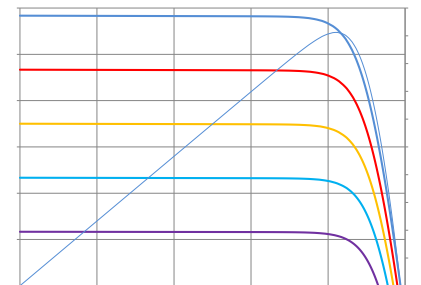
	STP455S-B72/Pnhg		STP450S-B72/Pnhg		STP445S-B72/Pnhg		STP440S-B72/Pnhg		STP435S-B72/Pnhg	
	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
(P <sub>max</sub> /W)	455	343.1	450	339.4	445	335.8	440	332.7	435	328.9
(V <sub>mp</sub> /V)	41.6	38.4	41.4	38.2	41.2	38.0	41.0	37.8	40.8	37.7
(I <sub>mp</sub> /A)	10.94	8.94	10.87	8.89	10.81	8.84	10.74	8.78	10.67	8.73
(V <sub>oc</sub> /V)	49.4	46.3	49.2	46.2	49.0	46.0	48.8	45.8	48.6	45.7
(I <sub>sc</sub> /A)	11.67	9.42	11.61	9.37	11.54	9.31	11.47	9.25	11.40	9.20
%	20.9		20.7		20.4		20.2		20.0	

STC: 1000 W/m<sup>2</sup>, 25 °C, AM1.5, NMOT: 800 W/m<sup>2</sup>, 20 °C, AM1.5, 1 m/s P<sub>max</sub> +/- 3%

445S

- & - (455S)

STC		5%	15%	25%
		(P <sub>max</sub> /W)	467.3	511.8
(V <sub>mp</sub> /V)		41.2	41.2	41.3
(I <sub>mp</sub> /A)		11.35	12.43	13.51
(V <sub>oc</sub> /V)		49.0	49.0	49.1
(I <sub>sc</sub> /A)		12.12	13.27	14.43
%		21.4	23.5	25.5



1000 W/m<sup>2</sup> 800 W/m<sup>2</sup> 600 W/m<sup>2</sup> 400 W/m<sup>2</sup> 200 W/m<sup>2</sup>

(NMOT)	42 ± 2 ° C
(P <sub>max</sub> )	-0.36%/° C
(V <sub>oc</sub> )	-0.304%/° C
(I <sub>sc</sub> )	0.050%/° C