



N i-TOPCon

: TSM-NEG9R.28

: 430-455W

455W

0~ + 5W

22.8%



22.8% 455W



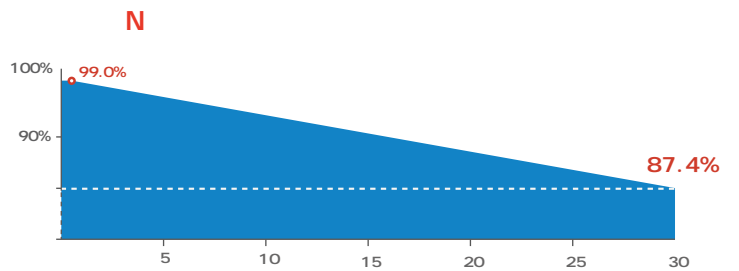
Vertex S



1% , 0.4%  
15 25 , 30



: 5400Pa 4000Pa ( )



IEC61215/IEC61730/IEC61701/IEC62716

ISO9001 :

ISO14001 :

ISO14064 :

ISO45001 :



PV (mm)

PV 445W I-V

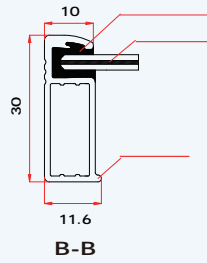
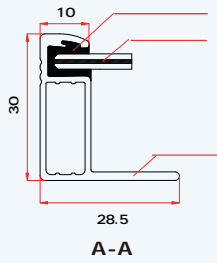
4- 9x14

(A)

8- 4.3

PV 445W P-V

8-



W

(V)

(STC)

-P <sub>MAX</sub> (Wp)*	430	435	440	445	450
-P <sub>MAX</sub> (W)	0 ~ +5				
-V <sub>MPP</sub> (V)	43.2	43.6	44.0	44.3	44.6
-I <sub>MPP</sub> (A)	9.96	9.99	10.01	10.05	10.09
-V <sub>oc</sub> (V)	51.4	51.8	52.2	52.6	52.9
-I <sub>sc</sub> (A)	10.59	10.64	10.67	10.71	10.74
m (%)	21.5	21.8	22.0	22.3	22.5

STC : 1000W/m<sup>2</sup>, 25 °C, AM1.5, \* ±3%

(NOCT)

-P <sub>MAX</sub> (Wp)
-V <sub>MPP</sub> (V)
-I <sub>MPP</sub> (A)
-V <sub>oc</sub> (V)
-I <sub>sc</sub> (A)

NOCT: 800W/m<sup>2</sup>, 20 °C, 1m/s.