



Related power	100W
V _{mp}	17.9V
Working current (I _{mp})	5.59A

ELECTRICAL CHARACTERISTICS

POWER CLASS		390	
MINIMUM PERFORMANCE AT STANDARD TEST CONDITIONS, STC ¹ (POWER TOLERANCE +5 W / -0 W)			
Minimum	Power at MPP ¹	P _{MPP} [W]	390
	Short Circuit Current ¹	I _{SC} [A]	10.14
	Open Circuit Voltage ¹	V _{OC} [V]	48.48
	Current at MPP	I _{MPP} [A]	9.66
	Voltage at MPP	V _{MPP} [V]	40.38
	Efficiency ¹	η [%]	≥19.4
MINIMUM PERFORMANCE AT NORMAL OPERATING CONDITIONS, NMOT ²			
Minimum	Power at MPP	P _{MPP} [W]	291.3
	Short Circuit Current	I _{SC} [A]	8.17
	Open Circuit Voltage	V _{OC} [V]	45.62
	Current at MPP	I _{MPP} [A]	7.60
	Voltage at MPP	V _{MPP} [V]	38.33
¹ Measurement tolerances P _{MPP} ± 3%; I _{SC} , V _{OC} ± 5% at STC: 1000 W/m ² , 25 ± 2 °C, AM 1.5 G according to IEC 60904-3			
TEMPERATURE COEFFICIENTS			
	Temperature Coefficient of I _{SC}	α [%/K]	+0.04
	Temperature Coefficient of P _{MPP}	γ [%/K]	-0.37
	Temperature Coefficient of V _{OC}	β [%/K]	-0.28
	Normal Operating Module Temperature	NMOT [°F]	109 ± 5.4 (43 ± 3 °C)

Eve 280 AH
24V (16) cells total
(2)- 8s-24V packs in parallel

120V input
gen/shore