

HSC-400

HYBRID SOLAR CONTROLLER SPECIFICATIONS

PROJECT

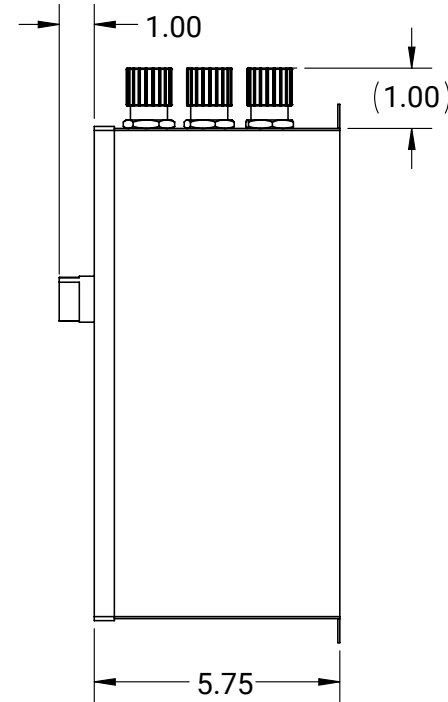
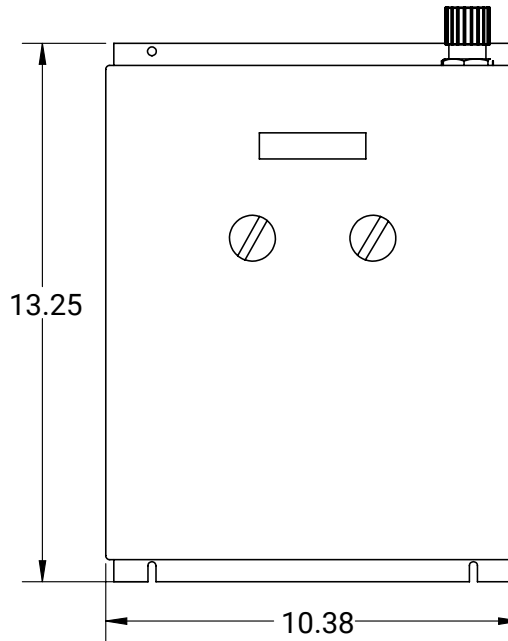
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TYPE

NOTES



REV: 10 2020



HYBRID SOLAR CONTROLLER SPECIFICATIONS

MODEL HSC-400		
DC Power Input	320 VDC . 5.0 Amp	
AC Power Input	120 VAC • 4.0 Amp • Single Phase • 50/60 Hz 208 VAC • 2.5 Amp • Single Phase • 50/60 Hz 220 VAC • 2.3 Amp • Single Phase • 50/60 Hz 240 VAC • 2.0 Amp • Single Phase • 50/60 Hz	
Power Output	280 VDC to 320 VDC • 3 Amp • 800 W Max	
IP Rating	IP65	
Operating Temperature Range	32° F to 140° F	0° C to 60° C
Controller Dimensions	Inches	Centimeters
	10.38 W x 13.25 L x 5.75 D	26.36 W x 33.65 L x 14.60 D
Controller Weight	21 Lbs.	10 Kgs.



M-200W

PRODUCT SPECIFICATIONS

PROJECT

DATE

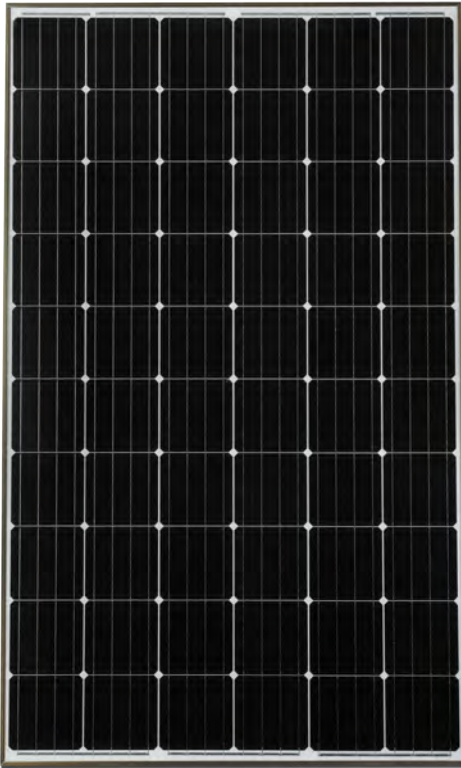
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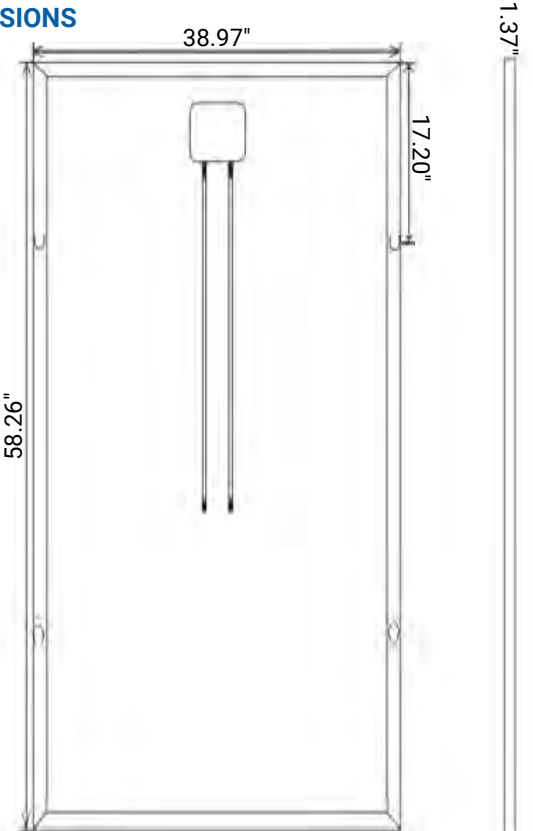
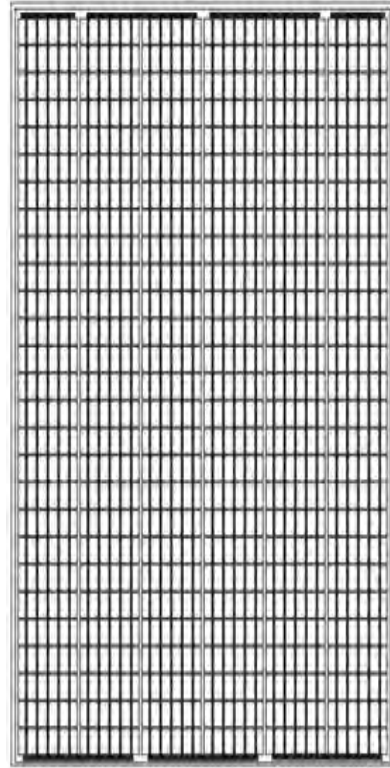


REV: 08 2020

SOLAR PANEL



DIMENSIONS



FRONT

BACK

SIDE

SOLAR PANEL SPECIFICATIONS

ELECTRICAL		MECHANICAL		
Type	M-200W	Dimensions	58.26" x 38.97" x 1.37" / 1480 x 990 x 35 mm	
Max Power (Pmax)	200W	Weight	32.84 Lbs / 14.9 Kg	
Max Power Voltage (Vmp)	80V	Front Glass	0.125" / 3.2mm (Tempered)	
Max Power Current (IMP)	2.5A	Output Cables	0.15" / 4mm 2 Symmetrical Lengths 35.43" / 900 mm	
Open Circuit Voltage (Voc)	101.0V	Connectors Type	MC4 Rating IP65	
Short Circuit Current (Isc)	2.8A	Cell Type	Monocrystalline Silicon 6.17" x 6.17" / 156.75 x 156.75 mm	
Max System Voltage	DC1000V			
Cell Efficiency	18.2%			
Compatible With	Controller Model Number	Swifter Fan Series	Fan Diameter	Number of Panels Required
	HSC-400	PS-8	8' - 14'	4



BLOCK DIAGRAM

PS8 Fan System & Dual Power Solar Controller System (HSP-400)

