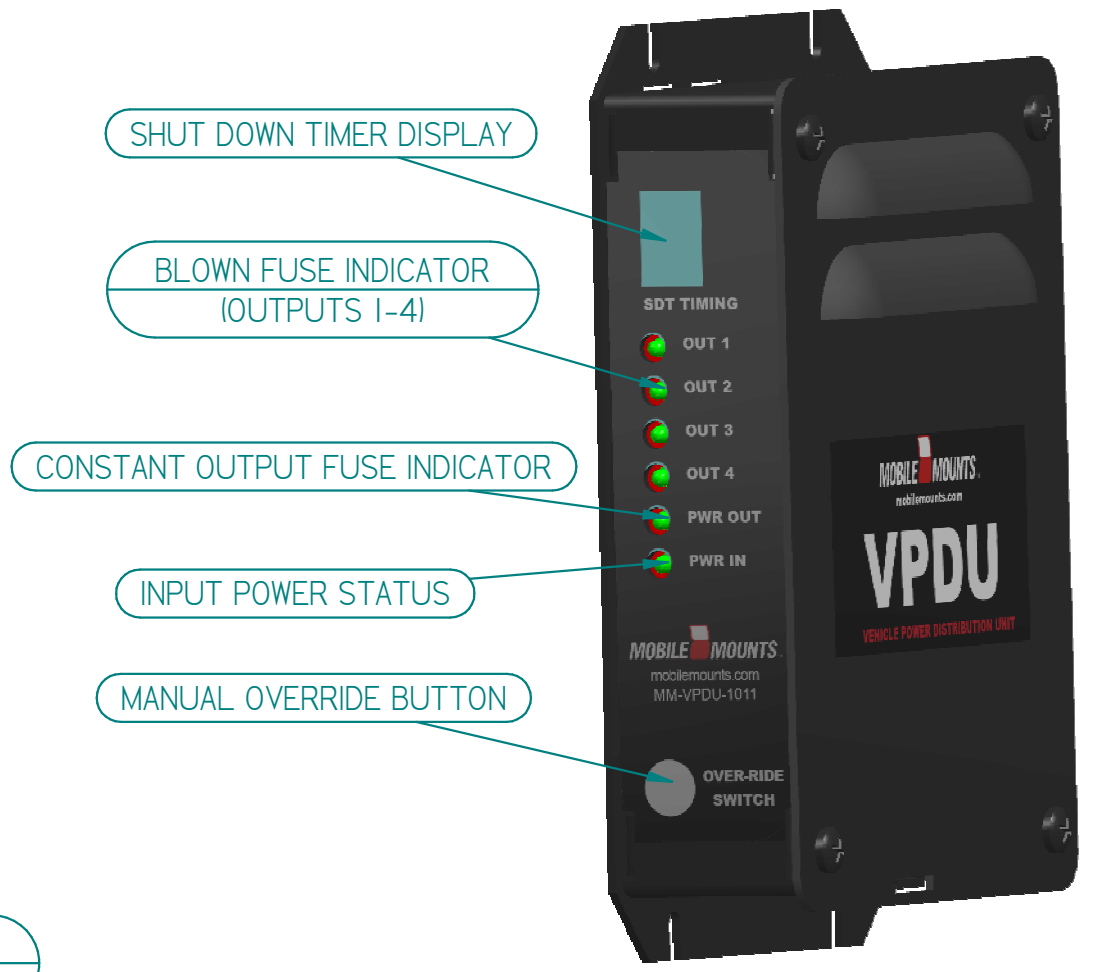
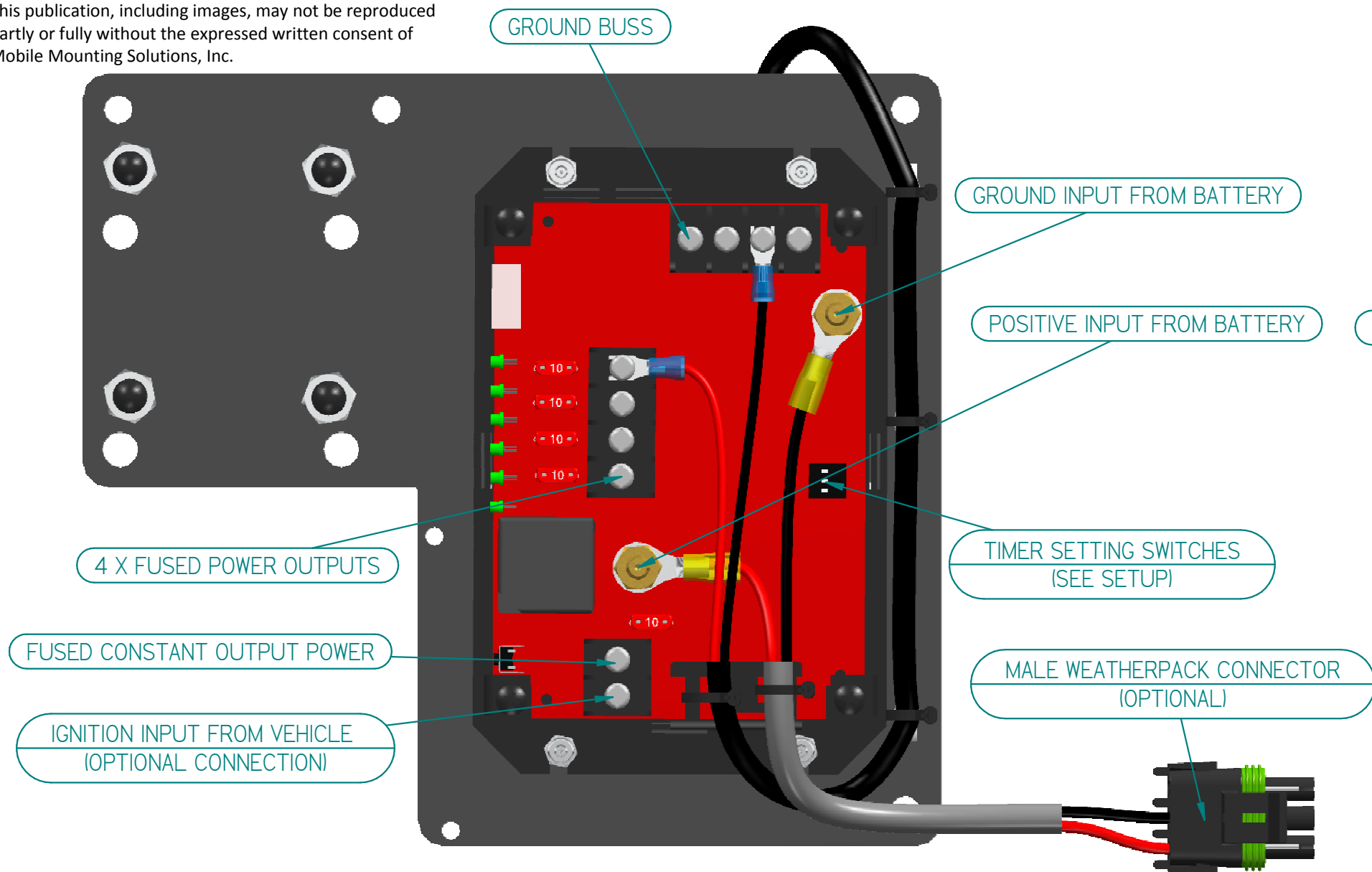


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Battery voltage rise (turn-on) trigger	>13.1 Volts
Battery voltage to trigger timer sequence	<12.7 Volts
Ignition "on" threshold if used	>5.0 Volts
Ignition "off" threshold if used	<2.5 Volts
High battery voltage disconnect	>18 Volts
Low battery voltage disconnect	<10.5 Volts
Low battery voltage disconnect delay to allow for cold cranking	30 Seconds
Low battery voltage for timer PCB to still operate	5-6 volts. Be able to ride a voltage drop below 5 volts for about 15mS
Input voltage range	9-18 Volts
Maximum output current	50 Amps total

SETUP

The VPDU has the timer delay default set at 2 hours. To change the delay use the dip switches provided on the circuit board. There is a table of settings etched next to the switches. The available settings are shown below:

DELAY	15sec	15min	1hour	2hour	3hour	4hour	8hour	constant
S3	ON	OFF	ON	OFF	ON	OFF	ON	OFF
S2	ON	ON	OFF	OFF	ON	ON	OFF	OFF
S1	ON	ON	ON	ON	OFF	OFF	OFF	OFF
DISPLAY	O	F	1	2	3	4	8	C

The OVER-RIDE SWITCH at the bottom of the display panel can be used to provide 15 minutes of power to all timed terminals without starting the vehicle by momentarily pushing in on the switch. The OVER-RIDE SWITCH can also be used to cutoff power to all timed circuits by holding in the switch for over 4 seconds.

	NAME	DATE			
DRAWN	JDOWIS	08/13/13			
CHECKED					
ENG APPR					
MGR APPR			TITLE MM-VPDU QUICK START GUIDE		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES ANGLES ±X.X° 2 PL ±X.XX 3 PL ±X.XXX			SIZE B	DWG NO QUICK START GUIDE	REV A
			FILE NAME: MM-VPDU INSTRUCTION SHEET.dft		
SCALE:	WEIGHT:	SHEET 2 OF 1			