



# Operation Manual of Gasoline Generator in Solar Trailer

# MS3

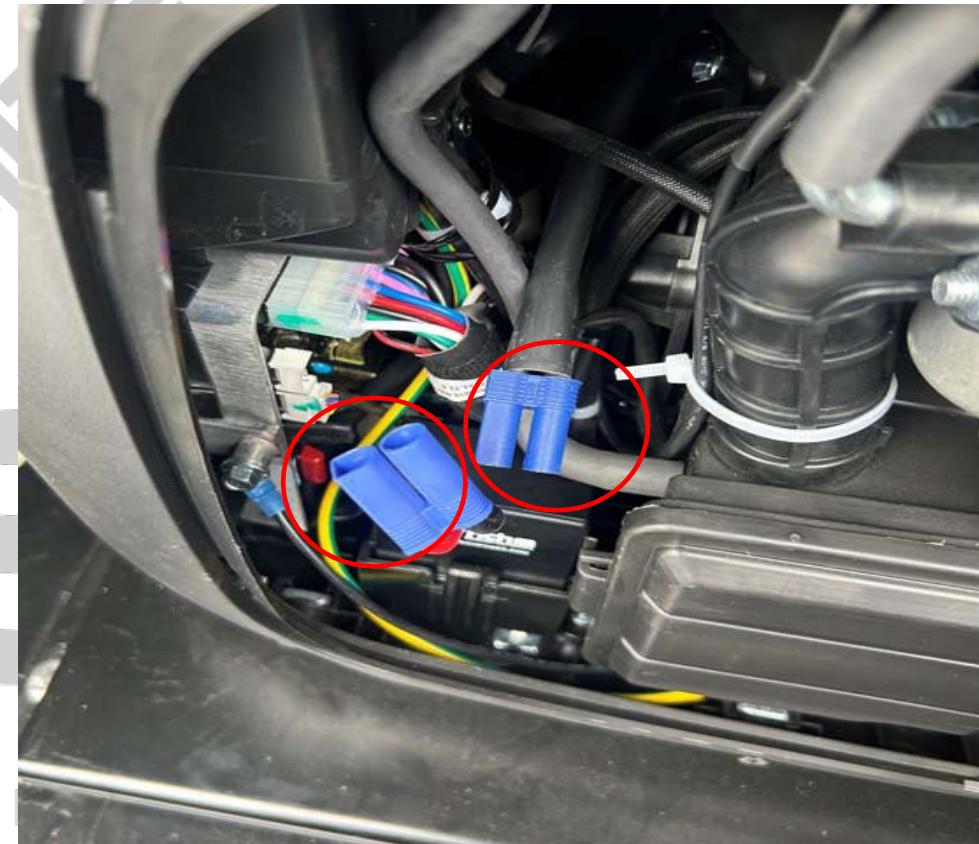
MOBILE SECURITY

## 1. (MS3 performed)

Open the generator side cover (①) unscrew two bolts



Connect battery plugs.



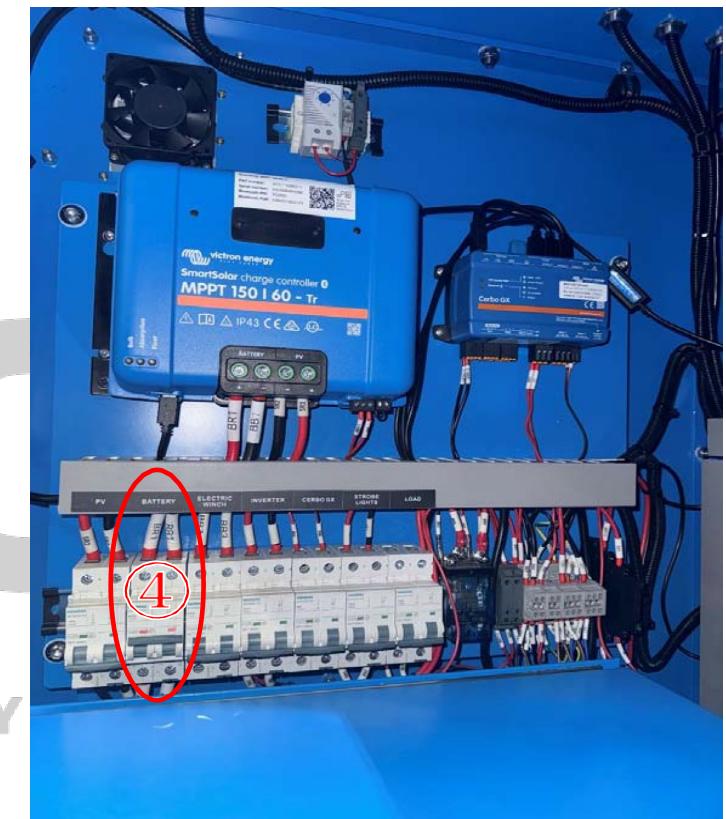


# MS3

MOBILE SECURITY

## 2. For automatic generator start:

- Close the circuit breaker (②), this is the generator controller and power that allows for battery charging.
- For automatic mode: switch key to on (③)
- Flip the BMV braker on (④ battery breaker).





### 3. MANUAL MODE (manual-start or testing only)



#### Operation Steps:

1. Turn Key on (③)
2. Press the Green "Start" to start generator.
3. Press the Red "Stop" button to stop it.

**\*Notice: It won't auto-stop when you manually start the generator.  
It will run until out of fuel.**

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- Controlled by BMV-712

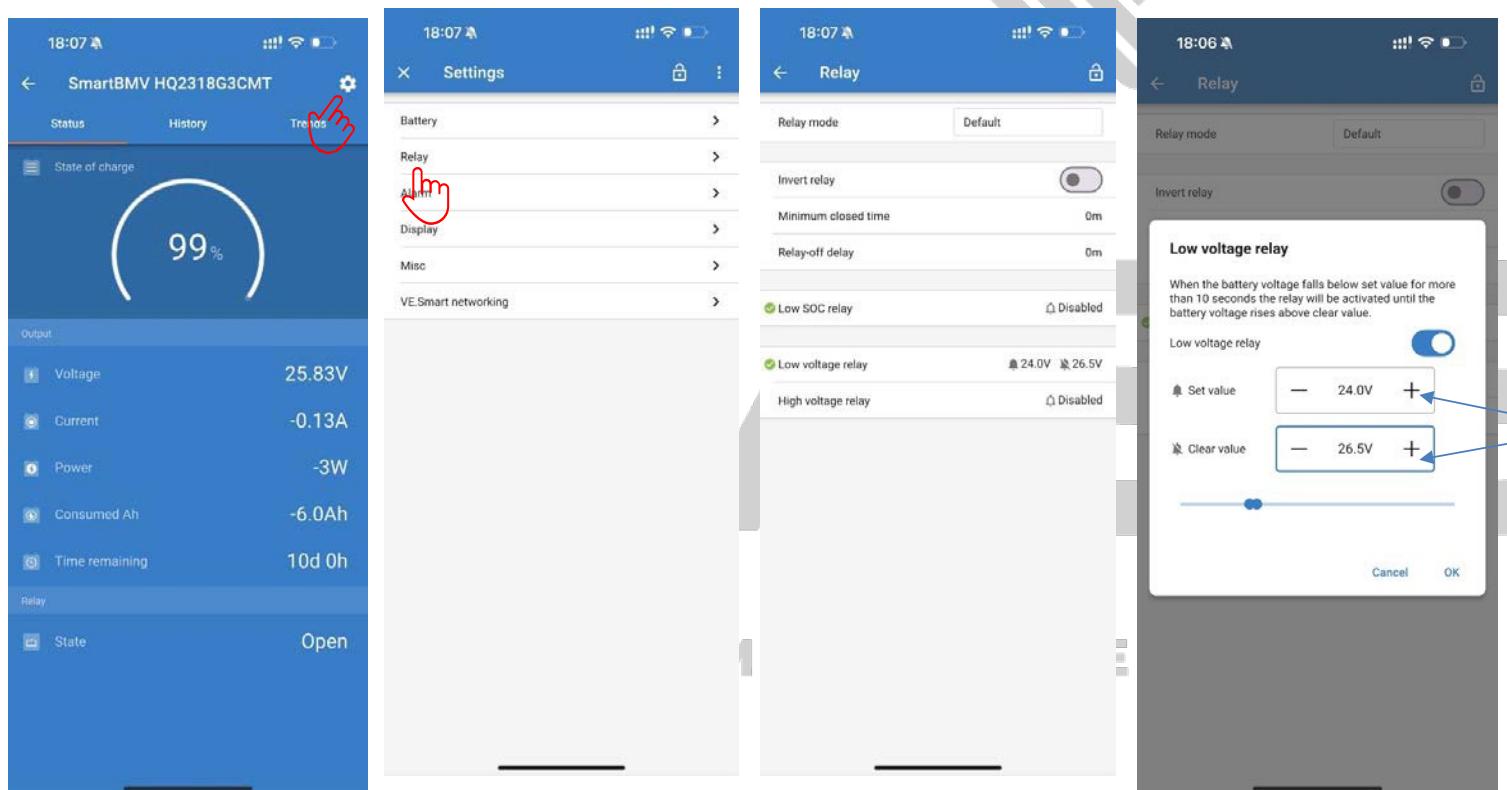
- Download the app “Victron Connect”, then find the BMV and log in with Bluetooth, so you can adjust the parameters as needed. Below are our Settings of “Low voltage relay” by BMV-712:

- Lithium battery

- Set value: 24.0V (low voltage auto-start)  
Clear value: 26.5V (high voltage auto-stop)

- GEL battery

- Set value: 23.5V (low voltage auto-start)  
Clear value: 26.0V (high voltage auto-stop)



Depending on your situation,  
this can be modified, please  
consult with MS3.



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## Startup using generator panel (testing or troubleshooting problems only)

This introduction will only be used when troubleshooting problems or just testing the generator.

Press the “START” button (about 1 second) to start the generator, then wait for it start.

(make sure the start battery plugs have been connected)

Press the “START” button again (about 3S) to stop the generator.



\*Notice: It won't auto-stop when you manually start the generator.  
It will run out the fuel if some one forgot to stop it manually.

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## Maintenance Schedule

Regular Service Period		First Use	First month or 10 hrs	Every 3 months or 50 hrs	Every 6 months or 100 hrs	Every 2 years or 200 hrs
Item						
Engine oil	Check level	0				
	Replace				0	
Air filter	Check	0				
	Clean			0		
Spark plug	Check-adjust			0		
	Replace					0
Spark Collector	Clean				0	
Valve	Check-adjust					0
Clearance						
Fuel tank& filter	Clean				0	
Cylinder	Clean			After every 300 hrs		
Fuel line	Check			Every 2 years (Replace if necessary)		