

Ember Quick Reference: Go Power MPPT Remote System Settings

Content included in this reference guide can be found in the [Go Power Remote Display Manual](#); this manual is available on our website at [Resources | Ember RV](#).

Button Functions:

- Long press [ENTER] button to go to the system setting interface
- Short press [BACK] button to quit setting interface and go to the main interface
- Short press [DOWN] button to move down by one setting
- Short press [UP] button to move up by one setting
- Press [ENTER] on a setting to edit and use [DOWN] and [UP] to change value.
- Press [ENTER] to lock the setting in and [BACK] to cancel the setting.



Ember's Recommended System Settings:

Note: Parameters are set for Lithium 100Ah battery.

IMPORTANT: We use only 1 bank of batteries. Settings should only be performed to B1 in the system settings, Never B2!

Battery Bank	Parameter	Controller Name	Setting
B1	Charging Current Limit	<i>I Limit</i>	30A
B1	Battery Type	<i>Type</i>	Li
B1	System Voltage	<i>Nom V</i>	12V
B1	Battery Capacity	<i>Ah</i>	100AH
		<i>If you have 2, 3, or 4 lithium batteries, you need to adjust your amp hours, Ah, to reflect the total amount in your system.</i>	
B1	High Voltage Disconnect	<i>OVP</i>	16V
B1	Equalization Voltage	<i>EQU V</i>	14.4V
B1	Bulk-Absorption Voltage	<i>Bulk V</i>	14.4V
B1	Float Voltage	<i>Float V</i>	13.6V
B1	Recharge Voltage	<i>Chg Rtn</i>	13.2V
B1	Over Discharge Return	<i>LRV</i>	12.2V
B1	Under Voltage Warning	<i>Warn V</i>	12.0V
B1	Discharge Limit Voltage	<i>ODV</i>	11.0V
B1	Bank 1 Over discharge Delay Time	<i>ODVD</i>	10s
B1	Equalization Duration	<i>EQU Time</i>	0M
B1	Absorption Duration	<i>ABS Time</i>	30M
		<i>ABS Time should be set to 30 minutes per 100Ah of batteries.</i>	
B1	Equalization Interval	<i>EQU Int</i>	0D
B1	Temp Compensation Factor	<i>T Comp</i>	0
B2	<i>B2 is not connected and is not used from the factory</i>		

Maintenance Recommendation:

Ember recommends verifying settings periodically.

Safety, education, and customer satisfaction are our primary concerns. Should you have any questions, please contact your purchasing dealer. If you encounter difficulty in getting your questions answered, you may contact us by phone at +1 (844) 732-4204 or by email at warranty@emberrv.com.