LiFe and Eco Series battery settings for Outback Products

Settings listed are only applicable to battery charge and discharge. All other settings are the responsibility of the Integrator. All Settings are accessed and configured using the Outback MATE3.

It is the responsibility of the integrator to have a full understanding of the Outback product prior to programming and it is preferred that they have attended the manufacturers training or integration courses should they be available.

SoC Control should be used to maintain your warranty obligations wherever possible.

As part of our continued improvement process, settings are subject to change without notice and were correct at time of publishing.

Inverter Settings		
LiFe 2433P	LiFe4833P	Eco4840P
Low Battery - Cut Out Voltage 24V	48V	
Low Battery - Cut In Voltage 26V	52V	
Battery Charger - Absorb Voltage 28V	56V	
Battery Charger - Float Voltage 27.6V	55.2V	
Battery Charger - Re-Float Voltage 27.5V	55.0V	
Battery Charger - Re-Bulk Voltage 26.5V	52.9V	
Battery Charger - Absorb Time	2hour	
Battery Charger - Float Time	1hour	
Battery Charger - Equalise	Disabled	

Charger Controller Settings		
LiFe 2433P	LiFe4833P	Eco4840P
Charge Controller – Charger - Absorb Volt- 28V	56V	
Charge Controller – Charger - Float Voltage 27.5V	55.2V	
Charge Controller – Charger - Absorb Time	2hours	
Charge Controller – Charger - Charger - Re Bulk Voltage 26.5V	52.9V	
Charge Controller – Charger - Charger -	0.5C (C2) of overall battery capacity	
Charge Controller – Charger - Absorb End Amps	Calculate 4Amps for every 200Ahs installed	
Charge Controller – Charger – Temperature	Leave as default or turn off	
Charge Controller – Battery Equalise – Equalisation Voltage	Disable	

Battery Monitoring Settings		
LiFe 2433P	LiFe4833P	Eco4840P
Battery Monitor - Battery Setup - Battery Amp hours	Total Installed Battery Capacity	
Battery Monitor - Battery Setup - Charged	28V	56V
Battery Monitor - Battery Setup - Charged Return Amps	Calculate 4 Amps for every 200 Ahs installed	
Battery Monitor - Battery Setup - Time	2hours	
Battery Monitor - Battery Setup - Charge	96%	
Battery Monitor - Battery Setup - Shunt Enable	Y	
MATE3s Settings		
LiFe 2433P	LiFe4833P	Eco4840P
MATE3 – FLEXnet DC Adv. Control – Low SoC Warning	20% or higher	
MATE3 – FLEXnet DC Adv. Control – Critical SoC Warning	10% or higher	