

LiFe and Eco Series Battery Settings for Plasmatronics Regulators

Settings listed are only applicable to battery charge and discharge. All other settings are the responsibility of the Integrator.

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

It is highly recommended to use State of Charge control.

Installers should ensure an adequate system design is carried out at all times. PPE accepts no responsibility for underperforming system designs.

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

Settings for Plasmatronics PL and Dingo Series

PL Series	LiFe2433P	LiFE2433PS	LiFe4833P	LiFe4833PS	Eco4840P	Eco4840PS
VOLT	24V		48V			
PROG	4					
BCAP	Total Ah Capacity of Batteries Installed					
SET/REG Menu						
BMAX	28.8V	28.4V	57.6V	56.8V	57.6V	56.8V
EMAX	28.8V	28.4V	57.6V	56.8V	57.6V	56.8V
ETIM	1 hour					
EFRQ	28 days					
ABSV	28.8V	28.4V	57.6V	56.8V	57.6V	56.8V
ATIM	2 hours					
FLTV Float Voltage Cyclic (Example Solar Application)	28.8V	28.4V	57.6V	56.8V	57.6V	56.8V
FLTV Float Voltage Standby (Example UPS Application)	27.2V to 28V		54.4V to 56V			
HYST	0.1V		0.2V			
BRTN	27.5V		53V			

PL Series	LiFe2433P	LiFe2433PS	LiFe4833P	LiFe4833PS	Eco4840P	Eco4840PS
CHRG	50% or C2 of Total Battery Capacity					
BFRQ	14 days					
TCMP	8					
Notes						
Load Disconnect SoC	If DC loads are being controlled by the Plamatronics, it is highly recommended that the load is disconnected at 20% SoC (80% DoD)					
Load Disconnect Voltage	If DC loads are being controlled by the Plamatronics, it is highly recommended that the load is disconnected on Voltage >24V for LiFe24 and >48V for LiFe48					
Alarm	The Plamatronics have an alarm function. This if used should be set to alarm you before you get to >24V for LiFe24 or >48V for LiFe48.					