

## Enerdrive Charger settings

Model EN31240-12v/40amp (240V Battery charger)

<b>Lithium Mode</b>	<b>Values</b>
Battery Voltage	14.40V
Battery Current	40A
Battery Termination Current	4A
<b>Custom Set Points</b>	
Program Supply Voltage	13.5V
Program Maximum Current	40A

DC2DC+ Enerdrive ePower charger 12v/40amp

<b>Lithium Mode</b>	<b>Values</b>
Bulk Voltage	14.40V
Float Voltage	13.50V
Charging Current	40A
Battery Termination Current	4A
<b>Program Mode</b>	
Bulk Voltage	14.40V
Bulk Current	40A
Absorption to Float Current	4A
Charge Mode	2 Stage

## Epever Tracer Settings

<b>Parameter</b>	<b>Values</b>
Over Voltage Disconnect Voltage	15.00V
Charging Limit Voltage	14.60V
Equalize Charging Voltage	OFF
Boost Charging Voltage	14.40V
Float Charging Voltage	13.50V
Boost Reconnect Charging Voltage	13.40V
Low Voltage Reconnect Voltage	11.80V
Under Voltage Warning Reconnect Voltage	12.20V
Under Voltage Warning Voltage	11.80V
Low Voltage Disconnect Voltage	10.80V
Discharging Limit Voltage	10.5V
Equalize Duration	0 minutes (disabled)
Boost Duration	120 minutes

## Victron BMV Battery monitor settings for ITECH120 Lithium Battery

← Battery settings	
Battery capacity	120Ah
Charged voltage	13.5V
Discharge floor	12%
Tail current	2.00%
Charged detection time	3m
Peukert exponent	1.05
Charge efficiency factor	99%
Current threshold	0.10A
Time-to-go averaging period	3m

### Victron SmartSolar 100/30 MPPT (or other Victron solar controllers)

Parameters	Values
Max charge current	30A (set this to the maximum your charge controller can output, not exceeding 100A if charging only 1 battery.)
Absorption voltage	14.40V
Float voltage	13.50V
Equalization voltage	0.00V(disabled)

### Victron Connect Settings for solar controllers

The image shows the Victron Connect settings interface for solar controllers. It is divided into two main sections: a left-hand settings list and a right-hand detailed settings panel.

**Left-hand settings list:**

- Battery voltage: 12V
- Max charge current: 60A (indicated by a black arrow)
- Charger enabled:
- Battery preset: User defined
- Expert mode:
- Charge voltages**
  - Absorption voltage: 14.40V
  - Float voltage: 13.50V
  - Equalization voltage: 0.00V
- Bulk**
  - Re-bulk voltage offset: 0.10V
- Absorption**
  - Absorption duration: Fixed
  - Absorption time: 2h 0m
  - Tail current: Disabled

**Right-hand detailed settings panel:**

- Equalization**
  - Equalization current percentage: 0%
  - Automatic equalization: Disabled
  - Equalization stop mode: [Dropdown menu]
  - Equalization duration: 2h 0m
  - Manual equalization:
- Voltage compensation**
  - Temperature compensation: Disabled
- Battery limits**
  - Low temperature cut-off: 5°C

## Morning Star PS30M

Set to custom parameters

<b>Parameters</b>	<b>Values</b>
Absorp stage	14.40V
Float Stage	13.50V
Equalize	0V(disable if possible, else set to 14.40V)
Absorb time	180mins
Equalize time	0mins
Equalize time out	0mins
Equalize Interval	0 days
LVD	11.50V
LVR	13.00V

## Dingo Solar Regulator

<b>Parameter Name</b>	<b>Values</b>
BMAX	14.40
EMAX	14.0
ETIM	0hrs(disable)
EFRQ	150
ABSV	14.40
ATIM	2hrs
FLTV	13.50V
HYST	0.1V
BRTN	13.20V
CLIM	20A
BFRQ	1
TCMP	8(Disable)