

## Enerdrive Charger settings

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

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

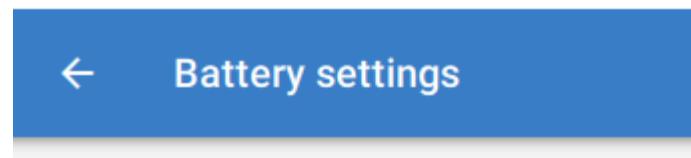
DC2DC+ Enerdrive ePower charger 12v/40amp

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

## Epever Tracer Settings

Parameter	Values
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

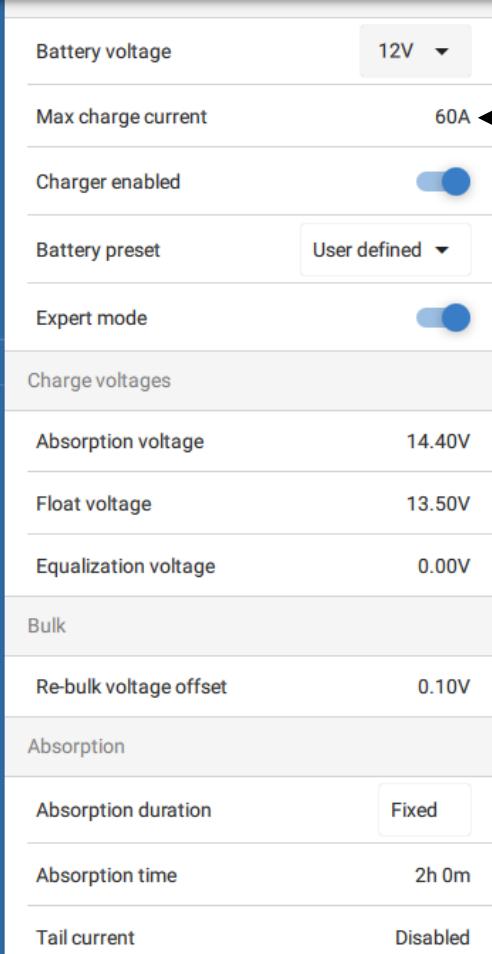


Battery capacity	120Ah
Charged voltage	13.5V
Discharge floor	12%
Tail current	2.00%
Charged detection time	3m
Peukert exponent	1.05
Charge efficiency factor	99%
Current threshold	0.10A
Time-to-go averaging period	3m

## 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 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 screenshot shows the 'Victron Connect Settings for solar controllers' interface. On the left, there is a main configuration panel with the following settings:

- Battery voltage: 12V
- Max charge current: 60A (highlighted with a black arrow)
- Charger enabled: Enabled (switch is blue)
- Battery preset: User defined
- Expert mode: Enabled (switch is blue)
- 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

On the right, there is a secondary panel titled 'Equalization' with the following settings:

- Equalization current percentage: 0%
- Automatic equalization: Disabled
- Equalization stop mode: (dropdown menu)
- Equalization duration: 2h 0m
- Manual equalization: START NOW
- Voltage compensation: Temperature compensation: Disabled
- Battery limits: Low temperature cut-off: 5°C

## Morning Star PS30M

Set to custom parameters

Parameters	Values
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

Parameter Name	Values
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)