

DC2DC

ePOWER charger

MULTI-STAGE - MULTI-SOURCE - MPPT BATTERY CHARGER

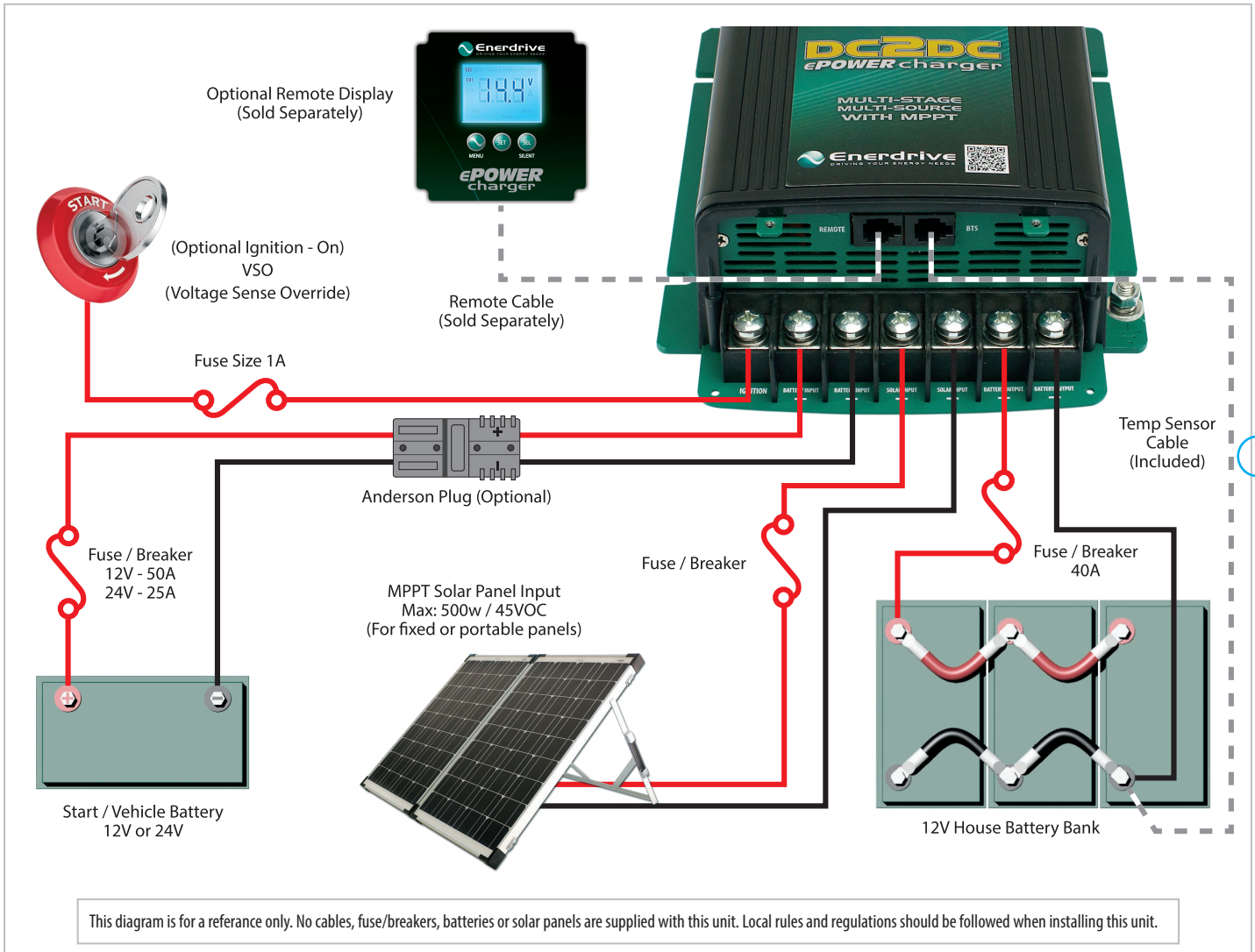


Introducing the new ePOWER 30A DC to DC Battery Charger from Enerdrive. Designed to meet the rugged demands of Australian conditions and delivering multiple source charging for DC systems.

- Two totally independent DC Inputs for both engine and solar regulation charging one house battery bank output
- DC M6 screw terminals that will allow for large battery cable connection between all sources
- A dedicated Maximum Power Point (MPPT) solar regulator
- The same battery algorithms as included in our AC mains ePOWER battery charger including a specific lithium charging profile
- 30A output up to 40+°C with thermo controlled fan cooling
- Fully programmable LCD display to show which source is charging the battery along with charger status, voltage and amperage
- Temperature sensor included in charger for more accurate battery charging



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Charger DC Output (CH1):	
Selectable Battery Type	Gel, AGM, Flooded, Lithium, Program
Charger Voltage Range	13.8V – 15.5V
Float Voltage Range	13.0V – 13.8V
Charger Current (User Selectable)	30/20/10/5A
Equalize Voltage (Flooded Battery)	15.5V
Equalize Charging Current	10% of Bulk Current Setting
Charging Control	Three Stages
DC Output Bank	Single
Current draw from CH1 when in use	<70 mA with remote <50 mA without remote
Battery Temperature Setting	Low/ Normal/ High (Battery Temperature Sensor Standard)
Efficiency	95%

Output Rating	
Output Voltage	12V Nominal
Output Current (Maximum)	30A
Output Power	465W

INPUT Rating (CH2 - MPPT Solar)	
Input Voltage	14.5 - 45VOC
Maximum Solar Input	500W

INPUT Rating (CH3 - Start/Alternator)	
Input Voltage	10.5 - 16VDC / 21 - 32VDC

Dimensions	
Height x Width x Depth	242mm x 172mm x 74mm
Unit Weight	1.85 Kg
Shipping Weight	2.17 kg



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