

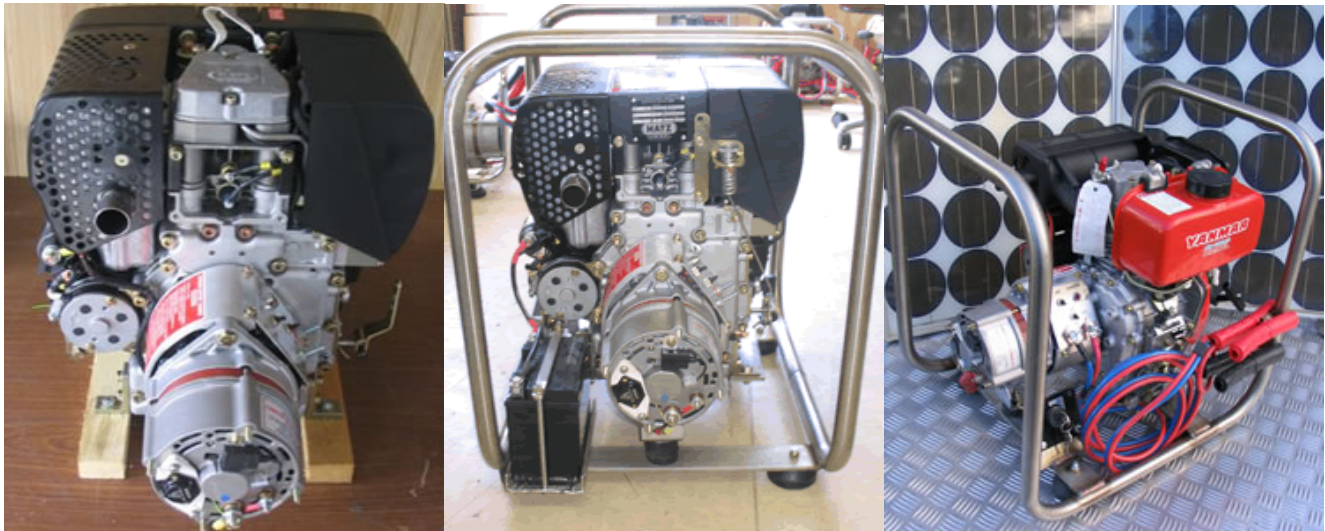
# DIESEL POWERED OUTBACK BATTERY CHARGERS

Christie Engineering manufacture a choice of Hatz or Yanmar Diesel powered DC battery charging plants with a range of features to suit a customers needs ranging from traditional manual Zip start to the hi-tech Electric and self starting units to integrate as a backup in an existing solar setup. Outputs of the 12V units are 120A and 24V is 45A.

All feature a manual 2 stage regulated charge voltage rate y the flick of a switch which enables 14V on the low and 14.6V n the high for the 12V system and respectively 28V and 29.2V on the 24V system.

The control panel features a super bright LED charge indication light to indicate if the unit is charging and is also fitted with an Bosch alternator field excitation switch, which removes power from the rotor when the engine has stopped so the battery is not drained while the charger has stopped running but still is connected to the battery system.

Extra features include rubber dampeners, powder-coated roll frame, Anderson style connectors and custom length leads one wire self start unit suit Plasmatronics style G-Start output and many other custom engineered accessories.





**Ideal uses:**

Backup for existing Solar systems, including Household and commercial. Communications Radio sites, commercial fishing and recreational vessel auxiliary power.



**Specifications: 12volt model**

**Weight:** ~45kg  
**Dimensions (mm):** 510L x 385W x 380H  
**Engine:** Hatz, Yanmar  
**Alternator:** Bosch 120 amp 12volt  
**Max eng. power:** 5hp @ 3000rpm.  
**Fuel capacity:** 4 Litres  
**Fuel consumption:** Approx. ¾ Litres / hour  
**Fuel type:** Diesel  
**Oil capacity:** 1.5 Litres  
**Starting system:** Recoil or electric  
**Electric output:** 12 Volts D.C.  
**Max voltage (low):** 14.0 Volts regulated  
**Max voltage (high):** 14.6 Volts regulated  
**Max amp output:** 120 Amps  
**Over Voltage cut out:** 18 Volts  
**Charge indication:** 10mm LED

**Specifications: 24volt model**

**Weight:** ~45kg  
**Dimensions (mm):** 510L x 385W x 380H  
**Engine:** Hatz, Yanmar  
**Alternator:** Bosch 45 amp 24volt  
**Max eng. power:** 5hp @ 3000rpm.  
**Fuel capacity:** 4 Litres  
**Fuel consumption:** Approx. ¾ Litres / hour  
**Fuel type:** Diesel  
**Oil capacity:** 1.5 Litres  
**Starting system:** Recoil or electric  
**Electric output:** 24 Volts D.C.  
**Max voltage (low):** 28 Volts regulated  
**Max voltage (high):** 29.2 Volts regulated  
**Max amp output:** 45 Amps  
**Over Voltage cut out:** 36 Volts  
**Charge indication:** 10mm LED

This larger model is best suited for larger charging requirements, such as the marine industry, backup for solar powered sites, motor-homes, earthmoving contractors, emergency services, mobile mechanics, communication repeaters, arrow boards, council machinery etc.

Designed for the harsh environments of Australia

Whenever you're handling or working with a lead-acid battery, consult your vehicle or battery owners' manual for instructions and safety precautions.



Lead-acid batteries contain hydrogen-oxygen gases that can be explosive and sulfuric acid that can cause severe burns.