

Energy Matters

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48Volt 60A RAPS Charger

Powered by HATZ diesel

Manufactured by Christie Engineering Pty Ltd

Christie Engineering's newest product on the market!

The 48V 60A RAPS Outback Battery Charger is the fastest possible way to recharge batteries in remote power applications such as remote communications, commercial power or domestic housing – This charging set is a must to any company with service contracts or with the need for 100% up time of a power system.

Solar powered sites are largely dependant on weather and it is not always easy to budget for shortfalls in power supply requirements. Christie Engineering now provides a simple cure.

Totally self contained unit with simple installation requirements.

Specifications:

Weight	~70kg (depending on specs)
Dimensions (mm):	410L x 275W x 370H
Engine:	Hatz Diesel 1B-20 or 30
Alternator:	Leece-Neville 90 Amp
Max eng. power:	4.5kw, 5.5hp@3600rpm
Fuel capacity:	4.0 Litres
Fuel consumption:	Approx. 0.75 Litres/hour
Oil capacity:	0.9 Litre
Starting system:	Recoil (pull start)/Electric
Electric output:	48 Volts D.C.
Max voltage:	56 Volts regulated
Max amp output:	60 Amps (50 Nominal)
Voltage surge protection:	72 Volts (MOV)
Voltage ripple	<5% @ 50A 2KHZ Resistive load



PROUDLY MADE IN AUSTRALIA

Features include:

- Environmentally friendly Hatz direct injected diesel.
- Automatic decompression for easy starting.
- Leece-Neville heavy duty 90Amp alternator.
- User serviceable parts.
- Available to be permanently mounted or portable.
- Directly driven alternator with custom bell housing.
- 48V-12V converter for supplying field excitation.
- High current Leads, 3m long with alligator clamps.
- Electric start available on request.



Ideal uses:

This charging set is designed for -48V radio communications, mining, commercial or domestic battery installations where there may be a shortfall in power system design or for companies with maintenance contracts that may require emergency charging of +/- 48V battery banks due to equipment failure or solar shortfalls.

This charger is rated for 100% output duty cycle @ 50A for recharging large battery banks in commercial and domestic applications.