

Charge Plus DC-DC Battery Chargers

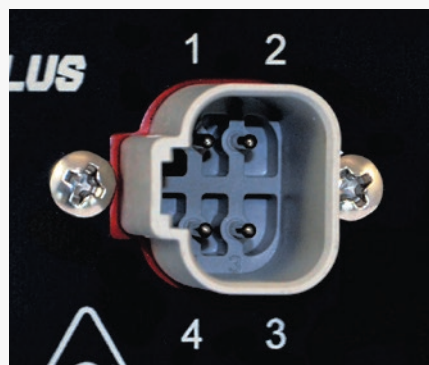
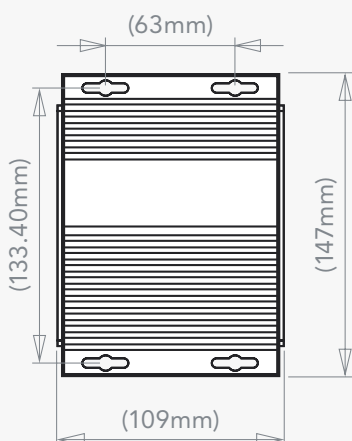
Australian designed and built, Lucidity Australia's Range of Transport Industry Chargers are specifically manufactured for the rigorous demands of Australia's transport Industry. Suited to the entire scope of truck trailer combinations found in Australia and all related applications such as electric hydraulic power packs.

The Range have been specifically designed to overcome the known pitfalls in these Applications. This Series is the result of years of research and experience, culminating in the Intelligent design of a product that simply has no equal in the market.

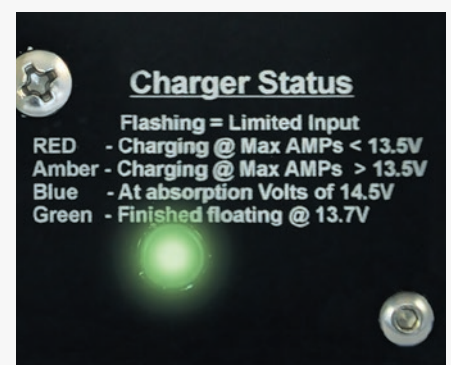
Features such as:

- Zero Stand-By Current.
- Intelligent Input Technology
- Operational Input Voltage Range: 12 Volt, 24 Volt & Reduced 24 Volt.
- Continuous Charge Mode

All play a major role in ensuring our products outperform and outlast the competition.



Connected using Industry accepted DT Deutsch Connector.



Check the charger's performance using the built in LED Status Indicator.

Key Features	PART NUMBER SELECTION		
	3370178	3370179	3370231
Input Voltage 12 Volt	✓	✓	✓
Input Voltage 24 Volt	✓	✓	✓
Input Voltage from 24 Volt Voltage Reducer	✓	✓	✓
Dual Input	✓	✓	✓
Designed to charge from Park Light Circuit	✓	✓	✓
Built-in Voltage Sensing Circuit on One Input		✓	✓
Will Charge Target Battery even if it is completely flat	✓	✓	✓
Intelligent 3-stage Charging	✓	✓	✓
No Discharging of Target Battery (Zero stand-by current)	✓	✓	✓
Will not overload Trailer Wiring	✓	✓	✓
Deutsch DT Connector	✓	✓	✓
Designed to Charge 12 Volt Lead-Acid Battery Pack	✓		✓
Designed to Charge 24 Volt Lead-Acid Battery Pack		✓	
Multi-Colour Status LED	✓	✓	✓
Robust Aluminium Housing	✓	✓	✓
Encapsulated Electronics	✓	✓	✓



Multi-Colour Status Indicator

To assist in quick charging diagnosis, a Multi-Colour LED Status Indicator is provided. **Colour vs Status** is listed below:

- **Red** indicates that the battery is charging at maximum current and the battery voltage is below 13.7 volts. (Bulk charge with low battery).
- **Amber** indicates that the battery is charging at maximum current and the battery voltage is greater than 13.7 volts. (Bulk charge with almost charged battery).
- ✱ **Flashing of either the Red or Amber** indicates the input is not able to supply the full current so charging current is reduced so as not to overload the input wiring.
- **Blue** indicates that 14.5 volts has been reached and absorption charging is under way.
- **Green** indicates that absorption charging is completed and the battery is now being held at 13.7 volts.
- **No light** indicates either no input voltage or input voltage is less than 9.6 volts.