



# Comprehensive range of industrial battery chargers & battery monitoring systems

**Competitively priced, our Chargetec units are compact, smart and available in 24 Volts, 30 Volts, 50 Volts and 110 Volts DC.**

Manufactured in Leeds, UK we offer a 12 month performance guarantee across the range. Optional analysing and monitoring equipment includes high alarms, low alarms, earth leakage alarms, charge failure alarms and general battery alarm monitors.

## The Chargetec Ranges

### Economy - C200 range

The C200 range of battery trip units provide the basic function of providing a back up battery trip supply with limited standing load capabilities (20W). They come with a voltmeter, an LED for mains on and an output MCB.

### Intermediate - C300 range

The C300 range of battery trip units provide a greater array of functions than those offered in the Economy range. This includes a microprocessor based charger with a range of alarms, including mains fail, charge fail and load test fail. The battery load test facility is automatic and the standing load capability is increased over the economy range to 50W. The battery and output MCB's also have an isolated alarm function wired into the common alarm circuit.

### Advanced - C400 range

The C400 range of battery trip units provide a more comprehensive array of functions to those offered in the Intermediate range. This includes a microprocessor based temperature compensated current limited charger with a wider range of alarms. High volts, low volts and high impedance alarms are standard on the 24V & 30V units and can be added with the addition of a BA300 battery alarm relay on the 110V versions. The metering is also increased over the Intermediate range to include a charger output ammeter and an alarm LED. This range is typically for larger battery and / or standing load capabilities. This is typically between 8-26Ah batteries with 5-10A chargers.

### Bespoke - C500 range

The C500 range offers highly customised solutions for individual needs.



## 12 months performance guarantee and express delivery

Economy and intermediate range products are available from stock and can be collected from site [Leeds] or delivered next day to locations across the UK.

Lead times for advanced and bespoke equipment are typically between two and four weeks, providing you with quality battery backup, fast.

**See the series comparison chart**

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## Chargetec Battery Chargers

### Series comparison chart



	C200	C300		C400			
Sealed VRLA battery capacity	2.5Ah	8Ah	8Ah	8Ah	8Ah	24/50V - 24Ah 30V - 26Ah	24Ah
Charger size	50W	100W	100W	300W	600W	300W	1000W
Standing load size	20W	50W	50W	250W	500W	200W	850W
Enclosure size (h x w x d) mm	500x400x210	500x400x210	500x400x210	500x400x210	1000x550x350	500x800x600	500x800x600
IP rating	42	42	42	42	42	42	42
24V dc	✓	✓		✓		✓	
30V dc	✓	✓		✓		✓	
50V dc			✓	✓		✓	
110V dc					✓		✓
Voltmeter	Analogue	Analogue	Analogue	Analogue	Analogue	Analogue	Analogue
Ammeter				Analogue	Analogue	Analogue	Analogue
Battery charge / discharge ammeter				✓		✓	
Mains on LED	✓	✓	✓	✓	✓	✓	✓
Common Alarm LED				✓	✓	✓	✓
Common Alarm relay contact type (volt free)		Change over	Change over	Change over	Change over	Change over	Change over
AC mains fail alarm		✓	✓	✓	✓	✓	✓
Charge fail alarm		✓	✓	✓	✓	✓	✓
Load test fail alarm		✓	✓	✓	✓	✓	✓
High impedance alarm				✓		✓	
Over voltage alarm				✓		✓	
Under voltage alarm				✓		✓	
Battery MCB isolated alarm		✓	✓	✓	✓	✓	✓
Output MCB isolated alarm		✓	✓	✓	✓	✓	✓
Standing load available		✓	✓	✓	✓	✓	✓
Closing MCB						✓	✓
Automatic Load test		✓	✓	✓	✓	✓	✓
Temperature compensated charger				✓	✓	✓	✓
Earth fault relay (available at extra cost)				✓		✓	
Areva BA300 alarm relay (available at extra cost)					✓		✓

