

# BATTERY CHARGERS



**CURTIS**

## CONCERTO



### **DESCRIPTION**

The Curtis CONCERTO charger recharges batteries in 8 to 12 hours and comes complete with microprocessor diagnostics and LEDs signalling charging phases or faults.

### **APPLICATION**

The CONCERTO charger is ideal for use in materials handling, airport, aerial lift, utility and general industrial battery powered vehicles.

### **BENEFITS**

- Improved battery performance: Proportional gassing and controlled equalization ensures the battery receives the correct amount of charge.
- Reduced running costs: Programmable delay on charge start, allows for use of off peak power, providing energy cost savings.
- High durability: Heavy gauge, all steel, welded case finished in hard wearing wipe clean epoxy paint.
- 3 year warranty.
- Rated to IP20.

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## SPECIFICATIONS

<b>Input</b>	Supply voltage:	Single phase 220-230-240-250 volts AC 50/60Hz. Three phase 230/400 AC 50/60Hz.
	Protection:	Input protected by fuse on each phase. Transformer, class H, protected by automatic reset thermal switch.
	Connection:	2m of appropriately rated AC input cable.
<b>Output</b>	Characteristic:	Wa taper to DIN 41774.
	Protection:	DC fuse 3.
	Connection:	2.5m of appropriately rated DC output cable.
<b>Operating Ambient</b>	0–60°C, 85% RH.	
<b>Enclosure</b>	To IP20, Finished in Blue (RAL 5010) and Grey (RAL 7016) epoxy paint.	
<b>Control</b>	PBM 750K electronic controller with microprocessor and diagnostics.	
	Safety timer terminates charge phase after 9 or 11 hours.	
	Auto-Start after 5 seconds or 3 hours.	
	Proportional charging.	
	Equalise charging with WEEK-END charging, pulsed sequence repeated every 45 hours.	
	Final charge time 3 or 4 hours.	
<b>Indication</b>	LED indication of charging phases or faults.	
	All LED's flash: Diagnostic check before battery charging commences.	
	Green LED (LD5): Flashing, battery connected and charging started.	
	Yellow LED (LD4): Bulk charge completed—gassing charge started.	
	Green LED (LD3): On, charging completed.	
	Red LED (LD2): Indicates a fault.	
<b>Case Size</b>	Yellow LED (LD1): Equalise/Week-End charge will occur.	
	Red LED bar (L1-5): Indication of charge current.	
	500 x 400 x 800mm or 500 x 400 x 1000mm (W x D x H).	

**WARRANTY** Three year limited warranty from time of delivery.



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