



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

Input	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.
Output	Characteristic:	Wa taper to DIN 41774.
	Protection:	DC fuse 3.
	Connection:	2.5m of appropriately rated DC output cable.
Operating Ambient	0–60°C, 85% RH.	
Enclosure	To IP20, Finished in Blue (RAL 5010) and Grey (RAL 7016) epoxy paint.	
Control	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.	
Indication	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.	
Case Size	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 Five year limited warranty from time of delivery.