



20/30/40Amp Intelligent 8 Stage Battery Charger with DC power supply

FEATURES

- Fully automatic voltage selection and 8 stage charging system.
- Suitable for charging 6, 12 and 24V Gel, Lead Acid, AGM, Calcium and 12V only Lithium (via MODE button) types of automotive batteries. This charger must be manually selected to charge 12V Lithium type batteries. Do not attempt to recharge dry cell batteries.
- Large easy to read LED display shows the charging stage status, volts and amps output and battery capacity.
- Zero Volt battery charging (disconnected battery), enabling recovery and charging of a completely deep discharged battery. But any load must be removed from the rechargeable battery.
- Inbuilt protection systems for safe operation.
- 13.5V DC power supply for 20A, 30A and 40A output currents with overload and short circuit protection.
- Faulty Battery indicators for if the battery being charged is completely dead and cannot be charged. Depending on what battery is being charged; 6V or 12V or 24V LED will flash if battery is faulty.



TECHNICAL SPECIFICATIONS

Part Number:	PTC20AL	PTC30AL	PTC40AL
Charger Type	Automatic voltage and flooded chemistry detection, switch mode, 8 stage battery charger.	Automatic voltage and flooded chemistry detection, switch mode, 8 stage battery charger.	Automatic voltage and flooded chemistry detection, switch mode, 8 stage battery charger.
Lithium Compatible	Yes, 12V Lithium Batteries only, press MODE for 3 seconds	Yes, 12V Lithium Batteries only, press MODE for 3 seconds	Yes, 12V Lithium Batteries only, press MODE for 3 seconds
Compatible rechargeable battery types	6V, 12V, 24V (automatic detection), Flooded lead acid, AGM, GEL, Maintenance free, Calcium. 12V Lithium via MODE button	6V, 12V, 24V (automatic detection), Flooded lead acid, AGM, GEL, Maintenance free, Calcium. 12V Lithium via MODE button	6V, 12V, 24V (automatic detection), Flooded lead acid, AGM, GEL, Maintenance free, Calcium. 12V Lithium via MODE button
	DO NOT ATTEMPT TO CHARGE DRY CELL BATTERIES	DO NOT ATTEMPT TO CHARGE DRY CELL BATTERIES	DO NOT ATTEMPT TO CHARGE DRY CELL BATTERIES
Zero volt start	yes	yes	yes
DC Power Supply	13.5V 20A with overload and short circuit protection.	13.5V 30A with overload and short circuit protection.	13.5V 40A with overload and short circuit protection.
Warranty Time	5 Years	5 Years	5 Years
Short circuit, Reverse connection, overload, over-voltage, over-charging, over-temperature protection	Yes	Yes	Yes
Ambient operating temperature	-15°C to +50°C	-15°C to +50°C	-15°C to +50°C
Product casing	Aluminium	Aluminium	Aluminium
Maximum recommended battery charging capacity	40Ah to 200Ah	60Ah to 300Ah	80Ah to 400Ah