

**ARK**

**New Product Bulletin 10 2014**

# ACDC7

**The Charger that swings both ways!**



**AC&DC  
BATTERY CHARGER**



## **An intelligent AC & DC Battery Charger for the 21st Century**

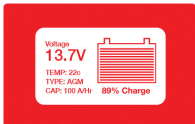
- 7 Amps, 7 stage smart charger
- Charges all main battery types/sizes
- Easy to read Time Tracker LCD screen
- Unique slim design
- Also acts as a battery monitor
  - Easily transferable from vehicle to home



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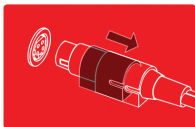
## AC&DC BATTERY CHARGER

### Additional Features:



#### Battery Monitor/Analyser

Even when not actively charging, the charger still provides on-going monitoring of your battery - displaying voltage, temperature and % of charge.



#### Secure AC/DC Connection

Easy 3-step secure connection: Simply pull back the plug sleeve, insert, then release. This locks the lead into the charger for a secure fit in all situations - especially on the move.



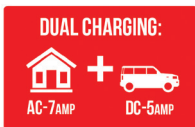
#### DC Interchangeable Connection

Allows for a quick and easy interchange between alligator clips or a hard install harness to your 12V battery.



#### Vehicle Mounting Bracket

The bracket secures the charger in your vehicle, whilst also making it quick & easy to transfer to your home, allowing you to charge your batteries anytime, anywhere.



#### DUAL CHARGING:

AC-7AMP + DC-5AMP



### 7 stage smart charging



	<b>Stage 1: Charge</b> Commences recovery of your battery back to peak voltage. Then charges the battery at 7 Amps up to a set voltage, at which point the battery is approximately 90% charge.
	<b>Stage 2: Testing</b> Checks the battery capacity and predicts the hours left until fully charged.
	<b>Stage 3: Bulk</b> The period just before boost when the volts are constant.
	<b>Stage 4: Boost</b> Peak charge for maximum performance. Battery is charged for two hours at constant voltage.
	<b>Stage 5: Resting</b> Allows the battery to consolidate after boost. The ArkPak ceases charging and allows the battery to rest while allowing voltage to drop to 13.5V
	<b>Stage 6: Float</b> Maintains performance and prolongs battery life - as your battery is continually monitored and the voltage is maintained at 13.5V. It does this by automatically adjusting charge current for 500 hrs.
	<b>Stage 7: Re-awaken</b> This exercises the battery and avoids sulphation build-up. After 500 hours of conditioning the charger automatically returns to charge cycle.