



6/12V, 4A Automatic
8 Stage Battery Charger
#AC040

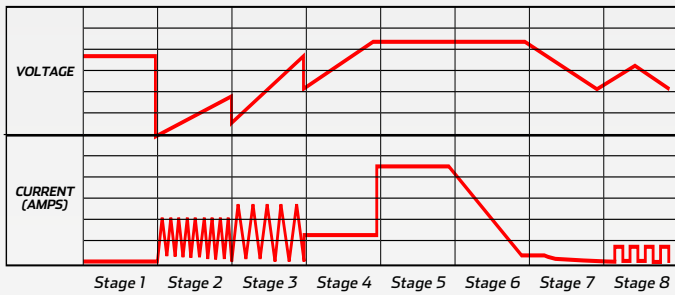
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DESCRIPTION

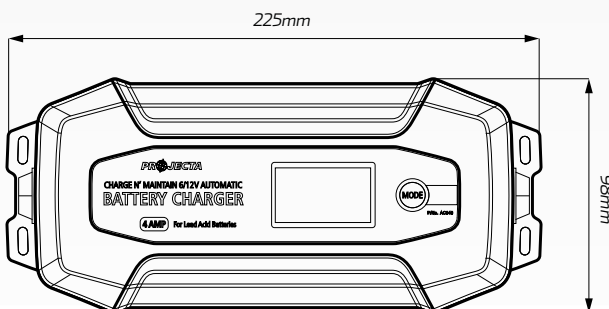
6/12V fully automatic 8 stage battery charger. Charge and maintains through switchable charging stages, ensuring the proper power input are supplied to the battery, prolonging it's expected life. Spark free and polarity protected. The AC040 are optimised to charge 6/12V automotive batteries, including marine's.

TECHNICAL SPECIFICATIONS



Input (Nominal)	• 220VAC - 240VAC, 50-60Hz
Input Power	• 35.5 Watt @ 6 Volt , 63.5 Watt @ 12Volt
Output Voltage	• 6/12 Volt
Output Current	• 4A @ 6V / 1A @ 14.4V / 4A @ 14.4V / 4A @ 14.7V
IP Rating	• IP65 rated
Charging Times	<ul style="list-style-type: none"> • Automotive: 40-480CCA (Charge) • Marine: 55-650MCA (Charge) • Deep Cycle: 7-80Ah (Charge)

Battery Dimensions



Charging Stages	3 Stages	8 Stages
1A. Battery Rescue Stage 1 (When batteries rise immediately over 14.4V when charge just begins)	-	Set current at 500mA to 16V for 5 sec until voltage reduces to 13.5V
1B. Battery Rescue Stage 2 (For batteries more than 14.4V after Stage 1)	-	Set current at 500mA charge up to 17V for 2hr timeout until voltage reduces to 13.5V
2. Soft Pulse 2 -6V: Charges for 1-2s @ 0.8A then turns off (Screen turns off) & repeats	-	2.0V - 6V, set currents at 0.8A until voltage rises above 6V for 2 hours
3. Pulse	-	6.0V - 10.5V, set current at 0.8A & 2.0A for 5 sec, alternately for 2 hours timeout
4. Soft Start	-	10.5V - 12.0V set current at 1A for 8 hours timeout. Transit to bulk
5A. Bulk	4A to 6.8V	1A to 13.6V / 4A @ 13.6V
5B. Bulk Timeout, Display F4, Stop Charging		22 hours +/- 10%
6A. Absorption Voltage	7.2V	14.4V / 14.7V/4A
6B. Absorption Transit Current to Analysis	<0.6A	<0.5A / <0.6A
6C. Absorption Timeout Transit to Analysis or Float		6 hours +/- 10%
7. Analysis (Check) Stop Charging, if it drops below 12.5V display F04	-	60 sec timeout +/- 10%
8. Float Voltage, Max. Voltage is 13.7V for 2 min or current for <0.3A, then off for 3 min. Repeat	6.5-7.2V +10s min. timer delay on	13.7V for 2 min or <0.3A, then 2 min rest, repeat