



12V, 8A Automatic
8 Stage Battery Charger
#AC080

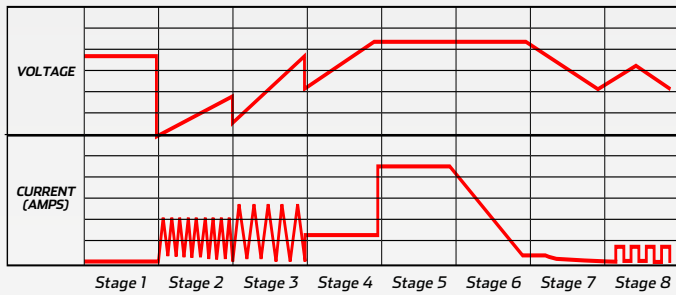
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DESCRIPTION

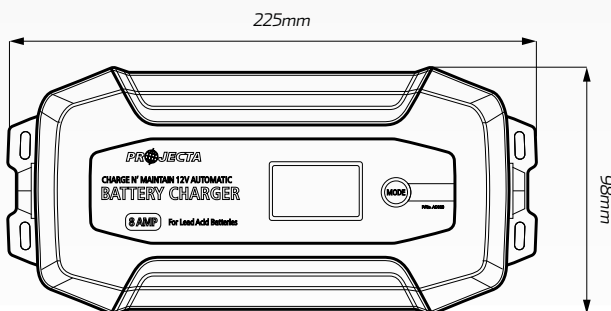
12V fully automatic 8 stage battery charger. Charge and maintains through switchable charging stages, ensuring the proper power input are supplied to the battery, prolonging it's expected life. Spark free and polarity protected. The AC080 safely charges all 12V automotive and marine batteries.

TECHNICAL SPECIFICATIONS



Input (Nominal)	• 220VAC - 240VAC, 50-60Hz
Input Power	• 128.5 Watt
Output Voltage	• 12 Volt
Output Current	• 2A @ 14.4V / 8A @ 14.4V / 8A @ 14.7V
IP Rating	• IP65 rated
Charging Times	<ul style="list-style-type: none"> • Automotive: 80-100CCA (Charge) • Marine: 110-1300CCA (Charge) • Deep Cycle: 14-160Ah (Charge)

Battery Dimensions



Charging Stages	8 Stages
1A. Battery Rescue Stage 1 (When batteries rise immediately over 14.4V when charge just begins)	Set current at 600mA 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 600mA 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	2A to 13.6V / 8A @ 13.6V
5B. Bulk Timeout, Display F4, Stop Charging	22 hours +/- 10%
6A. Absorption Voltage	14.4V / 14.7V/4A
6B. Absorption Transit Current to Analysis	<0.5A / <1.2A
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 <0.3A, then 2 min rest, repeat	13.7V for 2 min or <0.3A, then 2 min rest, repeat