GENIUS2D
2A 12V
Direct-Mount Battery Charger

Charge Fully Drained Batteries
Up To 80Ah. Maintain All Battery Sizes.

ATVs, Lawn Mowers, Motorcycles, Cars, Trucks, Boats, RVs, Tractors, Equipment, And More.

Ultra-compact, rugged, and portable UltraSafe® Smart Charger. Features spark proof technology and reverse polarity protection. Direct mount battery charger that is shock and vibration resistant, mount it directly onto cars, boats, ATVs, snowmobiles, and more. Charges 2X faster than ordinary chargers. Stay connected 24/7 with zero overcharge.

Direct Mount.™
Weather-resistant on-board charger, built to survive harsh conditions, like engine compartments. Simply plug into a standard extension cord when parked.

Charge.™
Fully charge batteries on cars, boats, equipment, and more. Works with most lead acid batteries.

Maintain.™
Extend the life of your battery. Optimize performance without overcharging. Safely leave connected Indefinitely.

Charge 12V Batteries Up To 80Ah. Maintain All Battery Sizes.
Technical Specifications

- **Input Voltage AC:** 110-120 VAC, 50-60Hz
- **Working Voltage AC:** 90-264 VAC, 50-60Hz
- **Efficiency:** 87% Approx.
- **Power:** 28W Max
- **Low-Voltage Detection:** 2V (12V)
- **Back Current Drain:** <0.5mA
- **Ambient Temperature:** -20°C to +60°C, -4°F to +140°F
- **Charger Type:** Smart Charger
- **Type of Batteries:** 12V
- **Battery Chemistries:** Wet, Gel, MF, CA, EFB, AGM
- **Battery Capacity:** Up To 80Ah (12V), Maintains All Battery Sizes
- **Housing Protection:** IP65
- **Cooling:** Natural Convection
- **Dimensions (LxWxH):** 5.0 x 2.3 x 1.5 in (127 x 58 x 38mm)
- **Weight:** 0.50 Pounds (0.23 kg)

Charging Modes

<table>
<thead>
<tr>
<th>Mode</th>
<th>Explanation</th>
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<tr>
<td><strong>Standby</strong></td>
<td>In standby mode, the charger is not charging or providing any power to the battery. Energy Save is activated during this mode, drawing microscopic power from the electrical outlet. When selected, an orange LED will illuminate.</td>
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<tr>
<td><strong>12V NORM</strong></td>
<td>**14.5V</td>
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What’s In The Box

- Genius 2D Smart Charger
- Mounting Bracket
- Screws
- Secure Velcro Strap
- User Guide and Information Guide & Warranty

Retail Packaging:

- **Dimensions:** 5.00"x2.30"x1.50" (127 x 58 x 38mm)
- **Weight:** 0.50lbs (0.23kg)

Master Carton:

- **Dimensions:** 17.24"x14.25"x9.84" (438 x 362 x 250mm)
- **Weight:** 21.65lbs (9.82kg)
- **Quantity:** 16
- **UCC:** 10046221180135
- **Units Per Pallet:** 576 Units

(cont’d.) Weight: 1.26lbs (0.57kg)