



# TM661 Braille 12.8V 9.5A/16V 7.5A Lithium Battery Charger and Maintainer

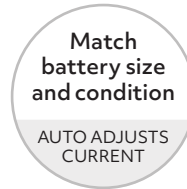
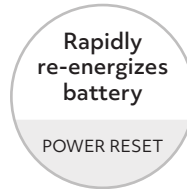
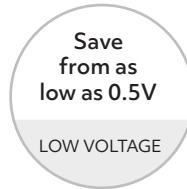


The Braille Optimate TM661 12.8V 9.5A/16V 7.5A sealed lithium battery saving charger and maintainer is ideal for 12.8V/13.2V LiFePO4 / LFP batteries. It features a power reset that rapidly re-energizes the battery and provides stable battery support during ECU programming / troubleshooting. The fully automatic multi-step program brings the battery safely to full charge. Weatherproof battery lead & battery clip set included.

## BENEFITS:

- Revive low voltage battery safely from 1+ V
- Rebalance Cells for optimal performance
- Tests the battery State of Health (SOH)
- Has "Maintenance Charger Capability" where they test the voltage every 30 minutes and will only charge if needed
- They are safe to leave on for prolonged periods
- Reduces risk of overcharging while prolonging life of battery

For 12V and 16V Lithium-Ion Batteries



## Specifications

<b>Ideal For</b>	Lithium (LiFePO4) 12V (4s), 3-120Ah / 16V (5s) 3-90Ah	<b>Charge Temperature Range</b>	-4°F/-20°C to 122°F/50°C. No charge delivered if below or above
<b>Charge Modes</b>	12V / 16V. Selection made when battery disconnected. Selection remains in memory	<b>Input</b>	Global / 100-240V 50-60Hz
<b>Protection</b>	16V > 1) Requires manual override (press button for 5s) IF 16V selected and battery voltage below 15V. 2) 12V selected, 16V battery connected > won't charge	<b>Style</b>	Case with wall-mounts / wall receiver, IEC-320 C7/8 AC receptacle and removable power cord, AC ON/OFF switch, Pushbutton mode selection, LED display, 6ft / 180cm charge lead ending in SAE connector
<b>Charge Amps (Max)</b>	9.5A @ 12V / 7.5A @ 16V	<b>Safety</b>	No risk of overcharging. Totally safe for vehicle electronics. Sparks suppressed. Safe for long-term battery maintenance. Automatic shut-down if short-circuited or battery disconnected
<b>Charge Volt Range</b>	0.5V to 14.4V in 12V mode / 0.5V to 18V in 16V mode	<b>What's In The Box</b>	<ul style="list-style-type: none"> <li>• Automatic battery charger (TM661)</li> <li>• Wall storage receiver</li> <li>• AC cord, with IEC320-C7/8 connector &amp; Type-A plug (TA-31)</li> <li>• Battery clip set (O-04)</li> <li>• Battery Harness, fused (O-11)</li> </ul>
<b>Operation</b>	Fully Automatic		
<b>Tune Mode</b>	Selectable during charge mode, if battery SOC ≥ 50%		
<b>Tune Power</b>	8.5A @ 13.6V in 12V mode / 7A @ 17V in 16V mode		
<b>Use</b>	Indoor use only / IP50 rating		



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