

LXICH12V6A-PRO

MODEL: LXICH12V6A-PRO

TYPE: Professional Intelligent Pulse Repair Charger

12V / 6A High-Speed / 7-Stage Charging

The Ultimate All-in-One Solution:

- **High-Speed Charging:** Up to 3x faster than standard 2A chargers.
- **One-Key Repair:** Revives sulfated or deeply discharged batteries.
- **Winter/Summer Mode:** Automatic temperature compensation.

Universal Battery Compatibility

The **LXICH12V6A-PRO** is engineered to work with almost all 12V lead-acid battery types. Whether it's for a motorcycle, a car, or a boat, this charger adapts perfectly.

Compatible Battery Types:

- **AGM (Absorbent Glass Mat):** Used in modern start-stop vehicles.
- **GEL:** Ideal for deep-cycle solar and marine applications.
- **SLA / VRLA:** Standard sealed maintenance-free batteries.
- **WET / Flooded:** Traditional car and truck batteries.
- **Calcium:** Specialized high-durability batteries.
- **EFB:** Enhanced Flooded Batteries for micro-hybrid cars.

Note: This charger is **NOT** for Lithium (LiFePO4) batteries.

Pulse Repair Technology

Old or idle batteries often develop **sulfation** (crystal buildup on plates). The LXICH12V6A-PRO uses high-frequency pulses to break down these crystals, restoring battery capacity and cranking power.

How to Use Repair Mode:

1. Connect the charger to the battery and the 220V outlet.
2. Press the **"Repair"** button on the touch panel.
3. The screen will display **"PUL"**.
4. Leave for **8–16 hours**. The unit will automatically switch to "Full" when the cycle is complete.

Specifications

Input: 220V AC, 50Hz

- **Output:** 12V DC, Max 6A
- **Minimum Start Volt:** >2.0V (Lower than standard chargers!)
- **Cooling:** Built-in Silent Cooling Fan
- **Efficiency:** Approx. 85% - 90%

LXICH12V-6A PRO Series Comparison Table

Feature	LXICH12V2A (Standard)	LXICH12V6A-PRO (Expert)
Max Current	2 Amps	6 Amps
Best For	Maintenance / Small Batteries	Fast Charging / Car Batteries
Repair Mode	No (Standard Charge)	Yes (Pulse Repair)
Cooling	Passive	Active Cooling Fan
Winter Mode	Fixed	Automatic Detection

LXICH12V6A-PRO: TECHNICAL FAQ

Q1: CAN I LEAVE THE CHARGER CONNECTED TO MY CAR BATTERY FOR SEVERAL MONTHS?

A: Yes! The **LXICH12V6A-PRO** features a 7-stage intelligent cycle. Once the battery reaches **14.4V** and is fully charged, the microprocessor automatically switches to **Float/Maintenance Mode**. It will monitor the voltage and only provide a "trickle" charge when needed, making it perfect for winter storage.

Q2: THE SCREEN SAYS "FUL" BUT MY BATTERY WON'T START THE CAR. WHY?

A: If a battery is old or has been sitting empty, it may develop "High Internal Resistance" (Sulfation). The charger sees the battery is at 14.4V and thinks it is full, but the battery cannot hold a "load." **Solution:** Disconnect and reconnect the charger, then press the **Repair** button to run a 12–24 hour pulse cycle.

Q3: DOES THIS CHARGER WORK FOR LITHIUM (LIFEPO4) BATTERIES?

A: No. This model is specifically tuned for Lead-Acid chemistries (SLA, GEL, AGM, WET, Calcium). Lithium batteries require a different charging profile. Using this on Lithium may damage the battery's BMS.

Q4: WHY IS THE COOLING FAN NOT SPINNING?

A: The fan is **temperature-controlled**. It will only kick in when the internal components reach a specific heat threshold during the 6A high-speed charging phase. It may stay off during "Float" or "Repair" modes to remain silent.

Q5: WHAT DOES "WINTER MODE" ACTUALLY DO?

A: In cold weather, batteries require a higher voltage to accept a charge. The LXICH12V6A-PRO detects low ambient temperatures and automatically boosts the charging ceiling (up to approx. 15.5V) to ensure the battery reaches a true 100% state despite the cold.

1-YEAR WARRANTY CARD

- **Model:** LXICH12V6A-PRO
- **Date of Purchase:** ____ / ____ / 20____
- **Serial Number:** _____
- **Store Stamp:** _____