

ULTRA-STARTER UST-2012LV

The Safest Energy to Fly

The Ultra-Starter UST-2012LV - *Light Vehicles* (20Ah) is a device developed by **ENERCRAFT** to improve the engine start of small airplanes or helicopters, being the ideal unit for piston engines. The UST-2012LV is capable of operating in any weather and environmental condition, providing clean energy and extending the useful life of the power plants.



The **ENERCRAFT** Ultra-Starters were developed by our technicians and engineers to offer the latest technology in energy storage, with a unique configuration and a hybrid battery, by combining the best of the LiFeMnPO₄ Lithium Cells and the best of the Ultracapacitors, ensuring an unbeatable peak current with a very compact and lightweight unit.

MAIN SPECIFICATIONS OF THE ULTRA-STARTER UST-2012LV

| | |
|--------------------------|---|
| AC INPUT | Charges from Single Phase 85-264 Vac, Freq. 47/63 Hz, 0.75 amps |
| DC OUTPUT | 12 VDC. (13.6@full charge) Peak start: 750 Amp Use as GPU: up to 7 Amps |
| RECHARGING RATE | 45 minutes from full discharge @ 25° C |
| TEMPERATURE RANGE | - 40° C ↔ 70° C (in operation) - 50° C ↔ 85° C (in storage) |
| DIMENSIONS | 391 mm x 307 mm x 173 mm |
| WEIGHT | 7 kg (including cable and AN2551) |
| CABLE | 1.5 mts Standard 3 PINS NATO AN2551 (35mm ²) |
| PROTECTION | Electronic sensors & Fuses |
| COOLING | Cooling air system integrated into the equipment |

MAIN FEATURES

1 Incorporates the latest technology



ENERCRAFT innovative design

First to incorporate Lithium & Ultracapacitor technology

Full operation in any weather and environmental condition

Peak current is ensured, even in non-ideal charge conditions

Extends & preserves the aircraft main battery useful life

Supports more engine starts without recharge

Provides clean energy and a more efficient engine start

True DUAL UNIT. Works as a Starter and as a GPU (7 Amp)

2 Full data display



Voltage and Battery load %

3 Protective Case



Reliable waterproofing

NANUK®'s patented latching system

Robust and Impact resistant

Modern design

4 Portable equipment



Lightweight unit

“All in one” concept

One-handed operation

Spring loaded handle

Reinforced metal padlock holes


ENERCRAFT

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