



## 12V ULTRA-STARTER 20Ah / UST-2012LV

The 12V Ultra-Starter 20Ah / UST-2012LV (*Light Vehicles*) 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, by combining the best of the Lithium Batteries and the best of the Ultracapacitors, ensuring an unbeatable peak current with a very compact and lightweight unit.

SPECIFICATIONS	UST-2012LV
<b>AC INPUT</b>	Charges from Single Phase 85-264 Vac, Freq. 47/63 Hz, 0.75 amps
<b>DC OUTPUT</b>	12 Vdc (13.6 @ full charge) Peak start: 750 Amp (Standard PHCA 5sec) Use as GPU: up to 7 Amps
<b>RECHARGING RATE</b>	45 minutes from full discharge @ 25° C
<b>TEMPERATURE RANGE</b>	- 40° C ↔ 70° C (in operation) - 50° C ↔ 85° C (in storage)
<b>DIMENSIONS</b>	391 mm x 307 mm x 173 mm
<b>WEIGHT</b>	7 kg (including cable and AN2551)
<b>CABLE</b>	1.5 mts Standard 3 PINS NATO AN2551 (35mm <sup>2</sup> )
<b>PROTECTION</b>	Electronic sensors & Fuses
<b>COOLING</b>	Cooling air system integrated into the equipment

# MAIN FEATURES

## 1 Incorporates the latest technology



**ENERCRAFT** patented 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 (7Amp)

## 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

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**ENERCRAFT**