

# ULTRA-STARTER UST-4030

## The Safest Energy to Fly

The Ultra-Starter UST-4030 (40Ah) is a device developed by **ENERCRAFT** to improve the engine start of airplanes or helicopters, providing clean energy, extending the life of the engines and being capable of operating in any weather and environmental condition.

The **ENERCRAFT** Ultra-Starters were developed by our technicians and engineers to offer the latest technology in energy storage, with a unique configuration and hybrid battery, by combining the best of the LiFeMnPO<sub>4</sub> 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-4030

<b>AC INPUT</b>	Charges from Single Phase 85-264 Vac, Freq. 47/63 Hz, 2 amps
<b>DC OUTPUT</b>	28.5 Vdc (30.6@full charge) Peak start: 2600 Amp Use as GPU: up to 10 Amps
<b>RECHARGING RATE</b>	90 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>	558 mm x 355 mm x 228 mm
<b>WEIGHT</b>	25 kg (including cable and AN2551)
<b>CABLE</b>	1.75 mts Standard 3 PINS NATO AN2551 (50mm <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** 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 (10 Amp)

## 2 Full data display



Voltage and Battery load %

USB connector

## 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

Two stage retractable handle

Polyurethane wheels & stainless steel bearings

  
**ENERCRAFT**

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