



## 28V ULTRA-STARTER 40Ah / UST-4030

The 28V Ultra-Starter 40Ah / UST-4030 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, 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-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 (Standard PHCA 5sec)  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>	1.5 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** 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 (10Amp)

## 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

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