

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 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-4030

| | |
|--------------------------|--|
| AC INPUT | Charges from Single Phase 85-264 Vac, Freq. 47/63 Hz, 2 amps |
| DC OUTPUT | 28.5 Vdc (30.6@full charge) Peak start: 2600 Amp Use as GPU: up to 10 Amps |
| RECHARGING RATE | 90 minutes from full discharge @ 25° C |
| TEMPERATURE RANGE | - 40° C ↔ 70° C (in operation) - 50° C ↔ 85° C (in storage) |
| DIMENSIONS | 558 mm x 355 mm x 228 mm |
| WEIGHT | 25 kg (including cable and AN2551) |
| CABLE | 1.75 mts Standard 3 PINS NATO AN2551 (50mm ²) |
| PROTECTION | Electronic sensors & Fuses |
| COOLING | Cooling air system integrated into the equipment |

MAIN FEATURES

1 Incorporates the latest technology



IEC 61000 & IEC 60335-1
UN38.3
Meets ICAO / IATA regulations

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 (IP67 & IEC 60529)
NANUK®'s latching system (MIL-STD-810F)
Impact resistant (ATA Specification 300)
Robust (ASTM D4169 DC-18)

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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