



12V ULTRA-STARTER 20Ah / UST-2012

The 12V Ultra-Starter 20Ah / UST-2012 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-2012 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-2012
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: 1500 Amp (Standard PHCA 5sec) 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 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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