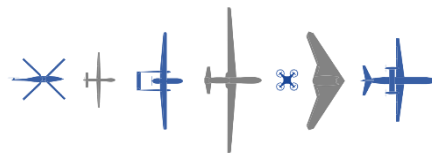


ULTRA-STARTER UST-2012UAV

The Safest Energy to Fly

The UST-2012UAV - *Unmanned Aerial Vehicles* (20Ah) is a device developed by **ENERCRAFT** to improve the engine start of drones or small aircraft powered by piston engines. This versatile unit can be also used as a charging station for drone batteries, when the aircraft are operating in remote locations with no access to any power source to recharge the batteries of the UAVs.



The **ENERCRAFT** Ultra-Starters were developed by our technicians and engineers to offer the latest technology in energy storage, with a unique configuration and a 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-2012UAV	
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	318 mm x 249 mm x 203 mm
WEIGHT	5 kg
CABLE	35mm ² cable & 2 poles connector
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 MULTITASK UNIT. It works as a Starter, as a GPU (7Amp), and as a Charging Station for drone batteries

2 Full data display



Voltage and Battery load %

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
Spring loaded handle
Reinforced metal padlock holes



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