

# EMA 104

## Clean Energy to Feel Free

EMA 104 is an innovative energy storage equipment developed by **ENERCRAFT**, designed to provide its users with total autonomy and freedom, in order to accomplish multiple tasks that require access to an energy source, regardless of their location.

EMA 104 is a completely portable energy assistance equipment, and it was conceived with the purpose of offering a clean alternative to the obsolete generators that require fossil fuels for their operation, and which cause emissions, noise and odors. EMA 104 will ensure an unbeatable professional experience, with a very compact and lightweight unit.



### MAIN SPECIFICATIONS OF THE EMA 104

<b>AC INPUT</b>	Charges from Single Phase 90 - 305Vac Freq. 47/63 Hz
<b>AC OUTPUT</b>	Rated = 400W Over Rated (3 min) = 460W Peak Power (10 sec) = 600W
<b>WAVE FORM</b>	True Sine Wave. THD < 3%
<b>BATTERY CAPACITY</b>	1 kWh (LiFePO4)
<b>BATTERY LIFE</b>	Up to 5000 cycles
<b>RECHARGING</b>	90 minutes from full discharge @ 25° C
<b>TEMPERATURE RANGE</b>	- 20° C ↔ + 70° C (in operation) - 30° C ↔ + 70° C (in storage)
<b>DIMENSIONS</b>	16.9" x 12.9" x 9.3 426 mm x 327 mm x 236 mm
<b>WEIGHT</b>	18 kg

# MAIN FEATURES

## 1 Incorporates the latest technology



UN38.3  
Meets ICAO / IATA regulations

**ENERCRAFT** innovative design  
High quality Lithium technology  
Full operation in any weather and environmental condition  
True Sine Wave. Provides clean energy (THD < 3%)  
Ready to power delicate equipment (LEDs, TVs, audio...)  
ZERO emissions, ZERO noise, ZERO odors

## 2 Full data display



Voltage and Battery load %  
2 x USB connectors

## 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

The EMA Family has been fully developed and tested by **ENERCRAFT**, to offer the latest technology in portable energy storage solutions.



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