

# STARTSTICK<sup>®</sup>

Portable/Stowable Ground Power



## STARTSTICK 20

Capacity	19.4 Ah
Max Current (Pulse)	1600 Amps
Max Current (Cont.)	400 Amps
Weight	9.21 kg (20.20 lbs)
Length	438 mm (17.25 in)
Width	185 mm (7.31 in)
Height	108 mm (4.27 in)
Time to Discharge <sup>1</sup>	60 min
Charge Time (after one start)	30-40 min
Charge Time (dead battery)	5.6 hrs (approx)
No. of Starts <sup>2</sup>	> 20 starts/charge
Charge Cycles <sup>3</sup>	>1000 cycles
AC Charger Input	110/240 volts (50/60 hz)
Operating Temperature <sup>4</sup>	-20-60° C (-22-140° F)
Storage Temperature <sup>4</sup>	-40-60° C (-40-140° F)

1. Assuming 20 Amp load  
 2. Approximately for reciprocating engine (3-4 turbine starts)  
 3. Capacity Check is <80% of rated, ambient temp  
 4. Optional heater required for temperatures below freezing  
 Patents: USD817868S1 | USD820204S1 | USD820203S1

### MIL-STD-810H Testing

- Explosive Atmosphere
- Shock and Crash Hazard
- Gunfire Shock
- Dust Exposure
- Operational and/or Random Vibration
- Salt Spray
- Salt Fog Rust

623.400.1356

Designed and Built in the USA

# STARTSTICK<sup>®</sup>

Accessories



International 28-volt Power Supply  
Included with Purchase



Pelican Carrying Case

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Aviation Battery Systems LLC.



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Portable/Stowable Ground Power

Li-Ion



Patented

# Lightweight **Li-Ion** Portable Ground Power

## Eliminate Your Heavy Battery Cart and Cable

StartStick® is a lightweight (20lbs) battery designed to replace NATO Slave Cables and eliminate your heavy, low-tech battery cart. It features Aviation Certified Lithium and integrated electronics that allow it to be used safely on ANY vehicle equipped with a NATO connector.



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# What you know about batteries has changed forever.

## Patented Design

StartStick®'s patented design has an integrated lightweight battery case, NATO connector, and carrying handle that makes it both easy to stow and use.

## Mil-Spec Charging Port

An integrated battery charger allows for 110/220v AC charging, or in-vehicle charging using any 28v auxiliary power supply circuit. The battery automatically powers on and shuts itself off when fully charged.



## NATO Connector

Connectors meet military and technical procedures defined under the Standardization Agreement.

## Advanced Battery Manager

StartStick® has the most advanced battery management unit available. Automatic shutdown and turn-on, integrated battery charging, temperature, state of charge, battery life, and over 16 different fault diagnostics monitor the battery over 100 times per second to ensure optimum performance and safety.

## Durable Case

StartStick®'s water, chemical and impact resistant case is made of an engineered fiber reinforced polymer for maximum durability and toughness.

## Digital Display

Battery state-of-charge, battery current, charger state, and fault codes can be displayed on the integrated multi-function display.