



Mission  
& Flight



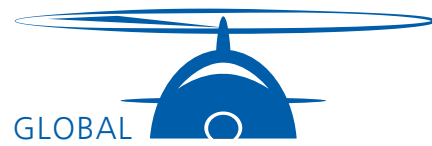
Maintenance  
& Systems



Ground  
& Support



Service  
& Advicing



GLOBAL  
**AVIATION**  
SYSTEMS

...the aviation experts

## STARTSTICK

Stick, start & fly!

**INFLIGHT  
RECHARGABLE**



- cutting edge and ultra lightweight emergency start battery
- weighs just less than 2 gallons of fuel (10 lbs)
- first-ever portable start battery lightweight
- for light-duty ramp use such as for standby power for avionics maintain

- emergency start battery
- lightweight enough to be stowed on-board
- extra battery
- almost any light turbine aircraft
- for providing ground power while operating near salt-water

- very compact form factor
- huge substantial power for larger powerplants
- for twin engines and business jets
- downward compatible
- multiple start for lighter aircrafts

Technical Data – StartStick 10	
Weight	10.5 lbs (4,8 kg)
Length	17 inches (432 mm)
Width	6.25 inches (157 mm)
Li-Ion	28 V
Capacit	9.7 Ah
Input	28 V DC, 20 amps max.
Output (cont.)	28 V DC, 200 amps
Max current (Puls)	800 amps

Technical Data – StartStick 15	
Weight	14.5 lbs (6,6 kg)
Length	22 inches (539 mm)
Width	6.25 inches (157 mm)
Li-Ion	28 V
Capacit	14.7 Ah
Input	28 V DC, 20 amps max.
Output (cont.)	28 V DC, 300 amps
Max current (Puls)	800 amps

Technical Data – StartStick 20	
Weight	20.2 lbs (9,2 kg)
Length	17.25 inch (483 mm)
Width	7.31 inch (185 mm)
Li-Ion	28 V
Capacit	19.4 Ah
Input	28 V DC, 20 amps max.
Output (cont.)	28 V DC, 400 amps
Max current (Puls)	1600 amps

## StartStick 10/15/20:

- **In-Flight Charging (using optional receptacle)**
- **Over / Unter Voltage Protection**
- **State of Charge Display**
- **Voltage Display**
- **On-Board diagnostics**

## Ideal for:

- **Ramp Maintenance**
- **Emergency Starts**
- **Database Updates**

## Features

- **Patent**  
StartStick's patent pending design has an integrated lightweight battery case, GPU connector, and carrying handle that makes it both easy to stow and use.
- **Lightweight and Powerful Lithium Nano-Phosphate cells**  
The StartStick has the most advanced battery management unit available. Automatic shutdown and turn-on, integrated battery charging, temperature, state of charge, battery lift, and over 16 different fault diagnostics monitor the battery over 100 times per second to ensure optimum performance and safety.
- **Integrated, fully automatic battery charger**  
An integrated battery charger allows for safe charging using any 10-ampere auxiliary power supply circuit. The battery automatically shuts itself off when fully charged.
- **Integrated multi-function display**  
Battery state-of-charge, battery current, charger state, and fault codes can be displayed on the integrated multi-function display.
- **Fiber-reinforced polymer case**  
StartStick's water, chemical and impact resistant case is made of an engineered fiber reinforced polymer for maximum durability and toughness.
- **Power supply converts StartStick into a GPU**  
Optional power supply can supply up to 20 amperes of continuous ground power.

## Charger Cable / Adapter

On-board charging cables are available for the most types of helicopters with an In-Flight Charge Circuit Rating of 5 amps. The StartStick is always ready-to-use when the batteries charge during the flight in the aircraft. Optional Adapter to reduce the weight of the lever arm available. It protects the connectors for a long-term use.



## StartStick Stowage Bag

Made from tough Ballistic Nylon, this bag makes it easy to store your StartStick in a baggage compartment while keeping it safe from damage. Durable D-Rings facilitate tie-downs. A Velcro flap allows the StartStick to be charged while in the bag.

