



STARTSTICK 20

Li-Ion 28V

INSTRUCTIONS FOR USE:

Consult POH (Pilot's Operating Handbook) before use.

STARTING:

1. StartStick™ power off
2. Aircraft power off
3. Plug StartStick™ into Aircraft External Power Receptacle
4. StartStick™ power on
5. On display verify no fault codes
6. Aircraft power on /Ext Power per POH
7. Start aircraft per POH
8. StartStick™ power off
9. Remove StartStick™ from Aircraft External Power Receptacle

CHARGING:

1. Plug in charger
2. Verify the battery symbol  is flashing on display

CHARGE EVERY 30 DAYS.

USE ONLY WITH APPROVED BATTERY CHARGER

Patents

US081786851 US082020451
US082020351

Designed and built
in the USA 

STARTSTICK®

Portable/Stowable Ground Power

Li-Ion 

AVAILABLE FOR

& FIXED WING & ROTARY WING AIRCRAFT



Over 2000 StartSticks in the Field

STARTSTICK®

Portable/Stowable Ground Power



STARTSTICK

	StartStick 10	StartStick 15	StartStick 20
Capacity	9.7 Ah	14.7 Ah	19.4 Ah
Max Current (Pulse)	800 Amps	1600 Amps	1600 Amps
Max Current (Cont.)	200 Amps	300 Amps	400 Amps
Weight	4.81 kg (10.6 lbs)	6.76 kg (14.9 lbs)	9.21 kg (20.20 lbs)
Length	432 mm (17.00 in)	539 mm (21.21 in)	438 mm (17.25 in)
Width	157 mm (6.19 in)	157 mm (6.19 in)	185 mm (7.31 in)
Time to Discharge*	29 min	44 min	60 min
Charge Time (approx)	2.8 hrs	4.2 hrs	5.6 hrs

ALL MODELS

No. of Starts**
3–4 starts/charge

AC Charger Input
110/240 volts (50/60 hz)

Operating Temperature
0–60° C (32–140° F)

Charge Cycles***
>1000 cycles

In-Flight Charge Rating
5 Amps

Storage Temperature
-40–60° C (-40–140° F)

* Assuming 20 Amp load **Using StartStick application chart

*** Capacity Check is <80% of rated, ambient temp

Patents: USD817868S1 | USD820204S1 | USD820203S1

623.400.1356

Designed and Built in the USA

Lightweight **Li-Ion** Portable Ground Power

StartStick® has designed an ultra lightweight (10/15/20lb) portable 28V Portable/Stowable Ground Power Unit (GPU) with a built-in Standard Global 3-Pin connector. The StartStick® portable power unit is powered with high-power Li-Ion ("Nanophosphate™") cells.



START-STICK.COM



"For general aviation... there is nothing that even compares to the start stick." — Jason Hurd, Owner/Operator Vector Air



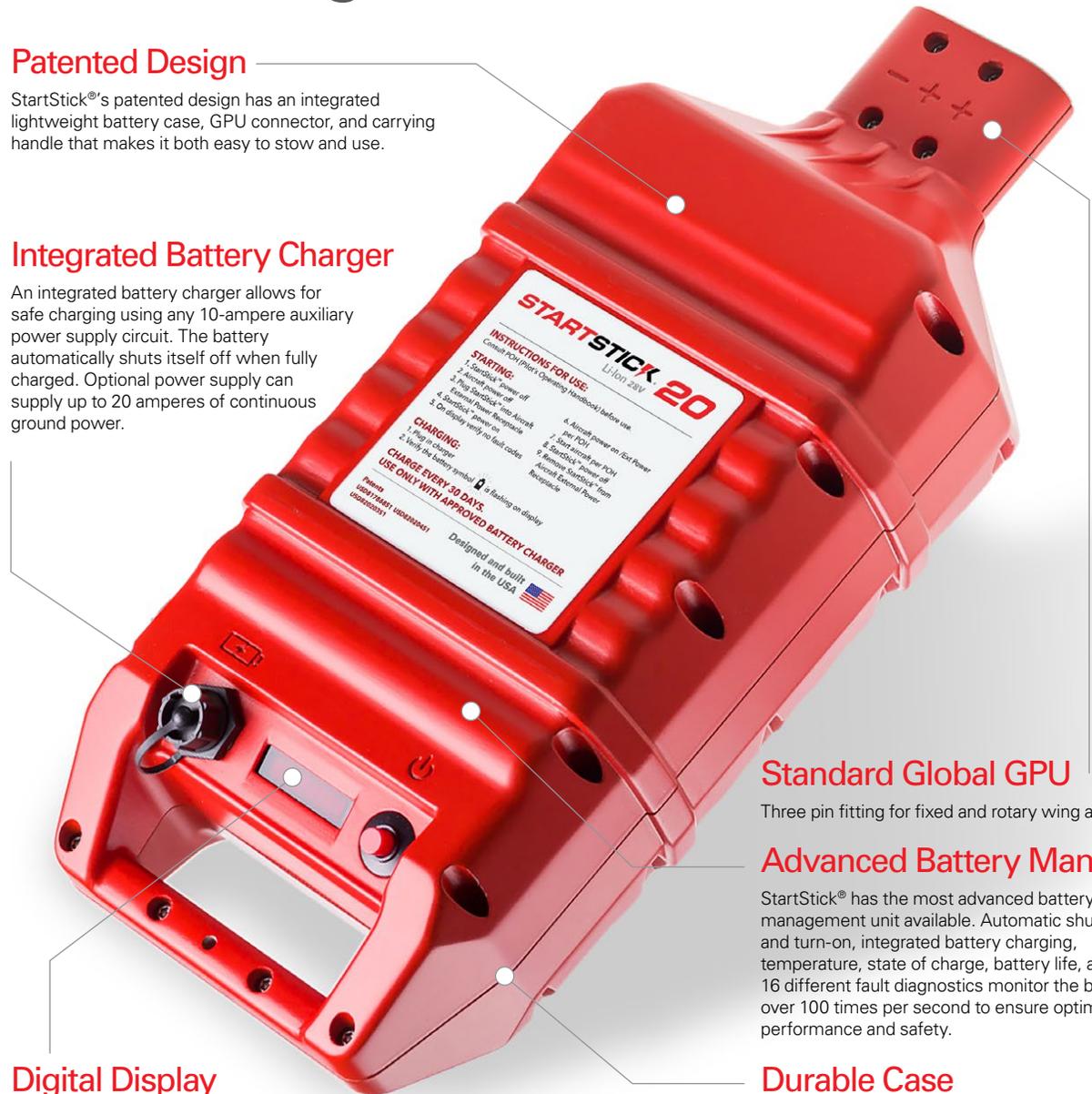
What you know about batteries has changed forever.

Patented Design

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

Integrated 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. Optional power supply can supply up to 20 amperes of continuous ground power.



Standard Global GPU

Three pin fitting for fixed and rotary wing alike.

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® meets rigorous G-shock/UNDOT destructive testing thanks to its engineered fiber reinforced polymer case that is water, chemical, and impact resistant for years of field operations.

Digital Display

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

STARTSTICK®

Accessories



Carrying Cases



Strain Relief Kit



Onboard Charging Cable



International 28-volt Power Supply
Included with Purchase

Applications



Fixed Wing
Business Jet



Fixed Wing
Turboprop



Rotary Wing
Light/Medium/Heavy



Ramp Service
& Support



Avionics
Updates



Military Applications
Available

START-STICK.COM



ABS

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