

STARTSTICK

Get started with aviation's most advanced Ground Power Unit

Compatible, lightweight and convenient

StartStick® is the most advanced, portable ground power unit on the market. The stowable, cable-free design is engineered to be durable and long lasting. Its Nanophosphate® lithium-ion cell chemistry delivers high power in a safe, rugged and convenient package.



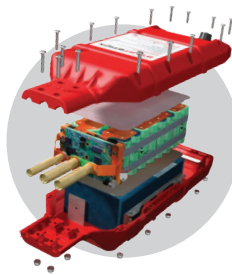
Digital Display

Sunlight readable display shows battery status and capacity at a glance.



No Cables

Cable-less, compact design makes it easy to use and stow.



Durable Casing

Built to withstand the toughest treatment.



PATENT PENDING.
STARTSTICK FLEET
Stowable Emergency Start 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 Aircraft Flight Manual
8. StartStick® power off
9. Remove StartStick® from Aircraft External Power Receptacle

Designed and built
in the USA



CHARGING:

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

USE ONLY WITH APPROVED
BATTERY CHARGER

P/N: SS28V14A-001
Capacity: 14 Ah (0.3kWh)
Input: 28v dc 20 amps max
Output: 28v dc 300 amps
max continuous
(720, 10 sec. limit)



CAUTION

LITHIUM BATTERIES INSIDE
Do not open or otherwise
manipulate this product.
If damaged, do not use.
Dispose of in accordance with
local, state and federal laws.
Store in a cool, dry place.
Store in a fireproof container.
Store in a fireproof container.
Store in a fireproof container.

aviationbatterysystems.com

ABS
Aviation Battery Systems LLC
602.945.0268

4839 W. Ray Rd. - Box 520 - Chandler, AZ 85226



Now available from
Mid-Continent Instruments and Avionics



StartStick 10
P/N 100154

StartStick Fleet 14
P/N 100155

MECHANICAL SPECS

Weight	10.6 lbs	14.9 lbs
Length	17"	21.21"
Width	6.25"	6.25"
Height	3"	3"
Load on GPU Connector	26.5 lbs/foot	52.1 lbs/foot

ELECTRICAL SPECS

Capacity	9.7 Ah	14.7 Ah
Capacity (lead acid equivalent)	19.4 Ah	29.4 Ah
Nominal Voltage	26.4 Volts	26.4 Volts
Max Current (10 sec Limit)	480 Amps	720 Amps
Max Current (Continuous)	200 Amps	300 Amps
Max Current (Protection off)	19400 Amps	38800 Amps
Max Current (Protection on)	1350 Amps	1350 Amps
Operating Temperature	-30 to 60 °C	-30 to 60 °C
AC Charger Input Voltage	110/240 Volts	110/240 Volts
In-Flight Charge Circuit Rating	5 Amps	5 Amps
Charge Rate (Software regulated)	3.5 Amps	3.5 Amps

BATTERY LIFE

Number of Starts per Charge	3-4	3-4
Time Before Discharge	29 minutes	44 minutes
Charge Cycles	>1,000	>1,000
Engine Starts	3,000-4,000	3,000-4,000
Charge Time (after one start)	25-35 minutes	25-35 minutes
Charge Time (dead battery)	2.8 hours	4.2 hours

⚡ **3-4 Starts per Charge**

🔋 **Recharge In Flight**

★ **Made in the USA**

Accessories



StartStick 10
Carrying Bag
P/N 100230



StartStick Fleet 14
Carrying Bag
P/N 100231



AS350 Charging Cable Accessory
P/N 100232 P/N 100306



Wall Charger (Type)
P/N 100800