


STARTSTICK®

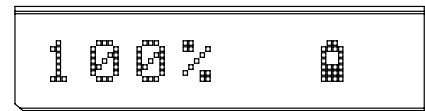
Stick, start & fly!



OPERATING INSTRUCTIONS


Turn On the Battery:

Depress the Power button  located on the front panel of the StartStick®. The battery output will be on when the battery state of charged is indicated as follows.



"State of Charge %"

Turn Off the Battery:

Depress the Power button  located on the front panel of the StartStick® for more than 5 seconds. Release the button once the display is turned off.



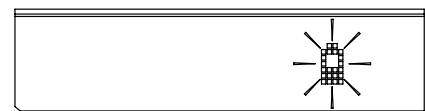
"Blank Screen"

Automatic Shutdown:

If the StartStick is left in an idle state (*no current is flowing in or out of the battery*), the StartStick® will automatically shutdown after 10 minutes.

Charging the Battery:




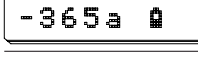




Attach the power supply to the charger port as shown. Charging will be active once the battery icon flashes. If the battery is in the "Off" state when the battery charger is attached, the battery will go through a "StartUp" procedure before charging begins.



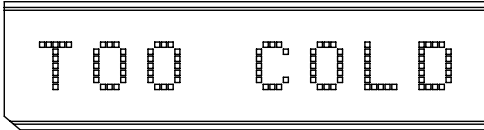
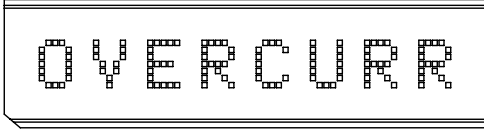
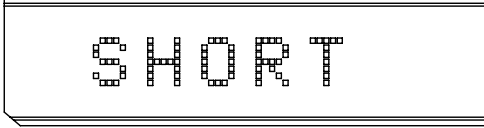
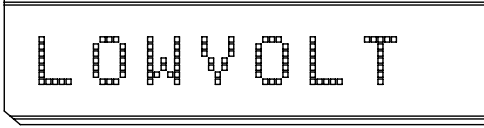
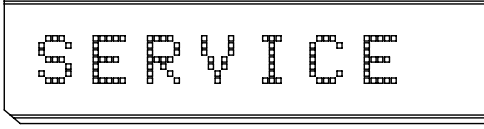
"Flashing Batt Icon"

The battery will continue to charge until complete, which is indicated by a 100% state of charge on the display.

BATTERY STATES

Screen		State	Output
	"Blank Screen"	Off	Off
	"SN, FW"	Startup	Off
	"State of Charge %"	On	On
	"Current"	On - Drawing Current	On
	"Flashing Batt Icon"	On - Battery Charging	On
	"NO Start"	On - Low Battery	On
	"DIAG MODE"	On - Diagnostic Mode	On
	"Static Batt Icon"	Sleeping	Off

FAULT CODES

Fault	Description	Output
	Battery core temperature is too cold to safely conduct a start. Warm up battery or motor engine until "Too Cold" is no longer displayed.	On
	Battery has exceeded rated output. Remove battery from aircraft, turn battery off and on again to clear fault. If fault persists, contact Aviation Battery Systems promptly.	Off
	Battery output been shorted. Remove battery from aircraft, turn battery off and then on again to clear fault. Check for shorts in the aircraft before re-attempting start. If fault persists, contact Aviation Battery Systems promptly.	On
	A cell in the battery pack has dropped below the minimum allowable voltage. Remove battery from aircraft, turn battery off and then on again to clear fault. If fault persists, contact Aviation Battery Systems promptly.	Off
	Battery has detected a fault that requires service. Contact Aviation Battery Systems promptly.	On