

Compatible with any military ground vehicle, with tailored kits available for specific needs.
HUMVEE, MRAP, M1 Abrams Tank, and Bulldozers

STARTSTICK

Military Ground Power Units to Enhance Mission Safety and Efficiency

Lightweight **Li-Ion** Portable Ground Power



Addressing Real Military Operational Challenges

Improved Mission Safety and Operational Security

Reduces soldiers' exposure during jump-starts, especially in conflict zones with small arms fire hazards, and enhances operational security and efficiency by eliminating the need for a second vehicle and multiple personnel, streamlining the process to a single operator.

Streamlined Depot Efficiency

Eliminates the need for heavy battery carts, making jump-starts faster, lighter, and more efficient. The fully serviceable battery pack offers an impressive 3,000 to 4,000 starts before overhaul, outperforming lead-acid batteries.

Elimination of Slave Cables

Replaces cumbersome and failure-prone slave cables, offering a revolutionary alternative for seamless jump-starts in military ground operations.

Certifications/Testing

StartStick has achieved certification to **MIL-STD-810H** and **UNDOT 38.3** standards, meeting the rigorous requirements set by the military.

Why Choose StartStick

Trusted by US military special operations aviation, US Air Force and forces globally, StartStick has powered the M134D weapon system for over a decade and is the preferred GPU in the aerospace and defense industry with 2,000+ units deployed globally. Exclusively dedicated to Ground Power Units (GPUs), our patented design ensures unmatched intelligence and efficiency, exceeding industry standards. Choose StartStick for military ground applications — an exclusive, reliable, and innovative alternative to traditional slave cables.



Technical Specifications

Capacity	19.4 Ah
Nominal Voltage	26.4 v
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 ¹	60 min
Charge Time (after one start)	30-40 min
Charge Time (dead battery)	5.6 hrs (approx)
No. of Starts ²	> 20 starts/charge
Charge Cycles ³	>1000 cycles
AC Charger Input	110/240 volts (50/60 hz)
Operating Temperature ⁴	-20-60° C (22-140° F)
Storage Temperature ⁴	-40-60° C (-40-140° F)

1. Assuming 20 Amp load prior to engine start

2. Approximate for reciprocating engine (3-4 turbine starts)

3. Capacity Check is <80% of rated, ambient temp

4. Integrated heater for temperatures below freezing

Patents: USD817868S1 | USD820204S1 | USD820203S1

Smart Design Features

- **Lightweight and Compact** Weighing just 20 lbs, StartStick is lighter than slave cables and operable by a single person vs traditional cables requiring 4+ personnel.
- **Digital Display** Real-time monitoring for essential data on battery status and charging.
- **Integrated NATO Connector** Streamlined connectivity with a focus on military standards.
- **Advanced Battery Manager** Cutting-edge technology for fault diagnostics and optimal performance.

Li-Ion 

Never set foot outside to access slave cables.

Optional Kits to Further Enhance Safety

The NATO relocation kits elevate soldier safety by relocating a second NATO connector inside the vehicle, negating the need to exit during vulnerable situations.

- **MRAP NATO Relo Kit:** Adds a second NATO DC Receptacle for access from inside the vehicle.
- **HUMVEE Relo Kit:** Relocates the NATO DC Receptacle, allowing access from inside the vehicle.
- **HUMVEE M134d Turret Mount Kit:** Specifically designed for HUMVEE turrets to power the M134D weapon system.



Second NATO connector



START-STICK.COM



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