

# DC-AC INVERTER LINE

## FAA TSO C-73 APPROVED

Lone Star Aviation's Static Inverter Line is a lightweight, 28 volt to 115Vac - 60Hz pure sine wave inverter that is FAA TSO Approved. The company's design team boast military quality to the inverter's circuitry, pure sine wave output, harmonic distortion to 2%, 100,000k hours, MTBF and frequency stability to a maximum load. Additional design parameters include: (Form-Fit-Function), size, mounting holes, weight, MS-3106 input connectivity and remote control features that are compatible with inverters manufactured over the last 20 years.

These FAA TSO inverters were designed to survive critical environmental conditions giving airborne operators the confidence to operate scientific or medical 115-60hz devices. Lone Star Aviation's inverters are sold into the following markets: experimental, Part 23, Part 25, Part 27 aircraft, rotor-craft as well as land-mobile, military vehicles, communication and solar electronics racks.

Lone Star Aviation inverters will operate: 115-60hz, ac/dc devices such as EFBs, Tablets, laptops, charging stations, iPads, iPhones battery chargers, Motorola Sectera BDI, aviation radio's, air-ambulance medical equipment, scientific instrumentation, remote sensing, entertainment equipment, kitchen microwave, refrigerators, food warmers as well as espresso-cappuccino machines.

- FAA TSO C-73 APPROVED
- MTBF: 100,000 hrs. Hi-Reliability
- Form, Fit, Function design to major mfg.
- Circuit Protection: OV, UV, SC, SP, RP, OC
- Total Harmonic Distortion: 2% max
- Single Phase: PURE SINE WAVE
- Altitude: 40K ft.
- Dual Fans: Axial, Ruggedized
- Easy Installation - Extended Remote on/off
- Weight: LS03-06000 5.0 lbs. LS03-06001 6.8 lbs.



Size: (500 watt) 6.125W x 3.38H x 9.50L  
 Size: (1000 watt) 6.125W x 3.38H x 12.00L

Item	Description	Specification	Part Number	Specifications: FAA TSO C-73
1	115 60hz Inverter	500 watts	LS03-06000	<b>Input: 28 Nominal: 20-35vdc</b> <b>Output: 115-60hz</b> <b>110% of the rated power for 2 hours.</b> <b>150% of the rated power for 5 min.</b> <b>MS3106E/F18-9S Connector</b> <b>Efficiency: 89%</b> <b>Power Factor: +1 to -1</b> <b>Environmental Testing: FAA TSO C-73 (MPS)</b> <b>MTBF: 100,000 hrs.</b> <b>Aluminium Case: Iridite MIL -C-5541E</b>
2	115 60hz Inverter	1000 watts	LS03-06001	
3	AC Filter 115, 60hz	10 amps	LS03-01029	
4	AC Filter 115, 60hz	25 amps	LS03-01030	
5	AC Filter 115, 60hz	50 amps	LS03-01031	
6	MS 3106 Mating Plug for 1K	MS-3106E/F24-12S	LS03-06051	
7	MS 3106 Mating Plug for 500w	MS-3106E/F18-9S	LS03-06050	
8	AC Receptacle Nema-5-15	AC Receptacle - DUAL-GFCI	LS03-06152	
9	GFCI Hub Module	GFCI Hub Module	LS03-06151	
<b>Call for multiple ac inverter, connector and panel options.</b>				<b>CALL Sales or Engineering</b>

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