

DC-AC INVERTER NEW DESIGN

28VDC to 115-60Hz

FAA TSO C-73 APPROVED

Lone Star Aviation's new DC-AC INVERTER LINE is an alternative 115VAC 60Hz power source for current operators, modification facilities, and aircraft OEM 's. The NEW series includes 500, and 1000 watt models that are equivalent in size, foot-print and connectivity offering the customer a form fit and function alternative for 115 VAC-60Hz AC power. The PURE SINE WAVE INVERTER will power most consumer items needing 115 VAC, 60Hz to power levels of 500 and 1000 watts. The Inverter will power devices such as iPad, iPod, iPhones, cell chargers, portable radios, PS3, xbox 360, video camera, DVD players, LCD, screens, laptops, EFBs, PC tablets, entertainment systems and light kitchen appliances. Approved for experimental, GA, Business Jet, Commercial aircraft as well as marine, land-mobile, solar, and military vehicle sub-systems. The Inverters will have an optional AC outlet designed with GFCI (Ground Fault Circuit Interrupter).

- **Size:** (500 watt) 6.125W x 3.375H x 8.0L, (1000 watt) 6.125W x 3.375H x 10.65L
- **Input Voltage:** 28VDC (Nominal)
- **Regulation:** 1%Line, 1% Load, 2.5% Temp
- **Operating Temp:** -55C to +70C
- **Circuit Protection:** OV, UV, SC, SP, RP, OC
- **Total Harmonic Distortion:** 2-3%
- **Single Phase:** PURE SINE WAVE
- **Altitude:** 55,000 Ft.
- **Thermal Design:** (Dual)Tube-axial Fans
- **Easy Installation - remote on/off**
- **Light Weight:** (500W) 3.7 lbs. , (1000W) 6.4 lbs.
- **FAA Approved - TSO-C73**



Item	Output Voltage	Amperage	Part Number	Specifications: MPS TSO C-73
1	115 60hz	500 watts	LS03-06000	<ul style="list-style-type: none"> ■ Overload Capacity: <ul style="list-style-type: none"> ▪ 110% of the rated power for 2 hours. ▪ 150% of the rated power for 5 min. ■ Response Time: 300 u/Sec ■ Efficiency: 89-92 % ■ Power Factor: +0.8 to -0.8 ■ Environmental Testing: DO-160D, TSO (MPS) ■ Operating Temp: -55C /+71C (-65F/ +160F) ■ Aluminium Enclosure: Anodized MIL-A-8625
2	115 60hz	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-3106E Plug 500w Model	Plug to AC-DC Equipment	LS03-05060	
7	MS-3106E Plug 1000w Model	Plug to AC-DC Equipment	LS03-05061	
8	AC Box Receptacle	Receptacle for AC Equipment	LS03-06070	
9	AC GFCI Box Receptacle	Ground Fault Circuit Interruptor	LS03-06030	