

Date 7/23/21

Specification For Dc to Dc Converter

Part Number: LS03-05001-B

Current Revision: Rev-B

1. Input Freq: DC
2. Input Voltage: 14/28 vdc
3. Input Current: 2-15 Amps
4. Output Current: 4A/5A Peak, 7A/8A Peak, or 10A/12A Peak *See Table below
5. Output Voltage: 5, 7.5, 9, 13.8, 16, 19, 24, 28 vdc
6. Protections: OC, OV, OT, SC and RP
7. Mechanical Enclosure: 6.0W x 5.0L x 1.75H, Material: Aluminum extrusion.
8. Connector: 5 Pin D-sub, 10/20 A
9. Terminal Pin Assignment: Read terminal right to left.
 - Pin A1 = Vin+
 - Pin A2 = Vin-
 - Pin A3 = Vout+
 - Pin A4 = Remote on/off
10. Weight: 304.5 g
11. RTCA DO160G Tested – See EQF
12. Operating Temp: -55C to +70C
13. Storage Temp: -55C to +80C
14. Operating Humidity: 5% to 90% RH
15. Storage Humidity: 5% to 95% RH
16. Vibration: Freq; 5 to 50 hz
17. Label: Top Face
18. FAA TSO Approved

14 Volt Input		28 Volt Input	
V out	Amps Out	V out	Amps Out
5	10A	5	10A
7.5	10A	7.5	10A
9	10A	9	10A
13.8	7A	13.8	10A
16	7A	16	10A
19	7A	19	10A
28	4A	28	10A

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