

Rugged DC/DC Power Adapter (MIL SPEC)

For Motion Computing TabletPCs

Specifications

DC Input Characteristics:

Input 11 to 32 VDC
 EMI/RFI Characteristics: meets MIL-STD461E,
 CE102, CS101, CS114, CS115,
 CS116, RE102, RS101, RS103

Input transient Protection: meets MIL-STD-1275B,
 Voltage Surge +100 VDC,
 Voltage Spike +/-250 VDC

Low Input Voltage Shutdown: Auto Recovery

High Input Voltage Shutdown: Auto Recovery

Load Dump Protection: meets ISO 7637

Reverse Polarity: Auto Recovery

DC Output Characteristics:

Short Circuit Protection: Auto Recovery
 Isolation Voltage: Input to Output nonisolated, 100 VDC output to case
 Noise and Ripple: meets MIL-STD-1275D and MIL-STD461E CE102

Physical and Environmental Specifications:

Operating Temperature: -40 to +60 DegC
 Storage Temperature: -40 to +80 DegC
 High Temperature: meets MIL-STD-810F, method 501.4
 Low Temperature: meets MIL-STD-810F, method 502.4
 Temperature Shock: meets MIL-STD-810F, method 503.4
 Shock: meets MIL-STD-810F, method 516.5, proc. I
 Acceleration: meets MIL-STD-810F, method 513.5, proc. I, Helicopters
 Vibration: meets MIL-STD-810F, method 514.5, proc. I, Category 20 Ground Vehicles
 Humidity: meets MIL-STD-810F, method 507.4
 Salt and Fog: meets MIL-STD-810F, method 509.4
 Sand and Dust: meets MIL-STD-810F, method 510.4
 Enclosure: Extruded Aluminum
 Finish: Black anodized
 Weight: 32 oz
 Dimensions: 9.3 x 3.0 x 1.3 in

This Lind Rugged DC/DC Adapter meets the most common MIL-Standards, usually required in many military applications, as well as other industrial environments.



**Part number:
MIL1930-MOTION**

Cables;
 Input Cable: 72inch, hardwired to bare wire
 Output Cable: 72inch, hardwired to DC plug



Unit 1, Compton Place,
 Surrey Avenue, Camberley,
 Surrey GU15 3DX,
 UK

Tel: +44 1276 686707
 Fax: +44 1276 684329
 Email: sales@rugged-systems.com
 Web: www.rugged-systems.com



USA Office:
 6414 Cambridge Street
 Minneapolis, MN 55408
 Phone: +1 (952) 927 6303
 Fax: +1 (952) 927 7740
 Web: www.lindelectronics.com

European Office:
 Astenweg 4/2
 73765 Neuhausen, Germany
 Phone: +49 7158 987 5460
 Fax: +49 7158 987 5416
 Email: meisele@lindelectronics.com