

Rugged DC/DC Power Adapter (MIL SPEC)

For Panasonic Toughbooks



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-1275B 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:
MIL1650-1541**

Cables:

Input Cable: 72inch, hardwired to bare wire
Output Cable: 72inch, hardwired to yellow tip



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