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# MIL-SPEC ADAPTERS

## PRODUCT DATASHEETS



# FULLY RUGGED MIL SPEC DC/DC POWER ADAPTER

Getac #592GUK000105



## DC INPUT CHARACTERISTICS

- Input – 11-32 VDC
- EMI/RFI Characteristics – meets MIL-STD461F, CE102, CS101, CS114, CS115, CS116, RE102, RS101, RS103
- Input transient Protection – meets MIL-STD-1275D, Voltage Surge +100 VDC, Voltage Spike +/-250 VDC
- Low Input Voltage Shutdown – Auto Recovery
- High Input Voltage Shutdown – Auto Recovery
- Reverse Polarity – Auto Recovery

## DC OUTPUT CHARACTERISTICS

- Short Circuit Protection – Auto Recovery
- Isolation Voltage – Input to Output non-isolated, 100 VDC output to case
- Noise and Ripple – meets MIL-STD1275D and MIL-STD461F CE102

## PHYSICAL AND ENVIRONMENTAL SPECIFICATIONS

- Operating Temp – 40 to +50°C
- Storage Temp – 40 to +85°C
- High and Low Temp – meets MIL-STD-810F (501.4 and 502.4)
- Temp Shock – meets MIL-STD-810F (503.4)
- Shock – meets MIL-STD-810F (516.5, proc. I)
- Vibration – meets MIL-STD-810F (514.5, proc. I) Category 20 Ground Vehicles
- Humidity – meets MIL-STD-810F (507.4)
- Sand and Dust – meets MIL-STD-810F (510.4)

As a leading provider of mobile power solutions for more than 25 years, Lind Electronics is the first name in rugged mobile power. With power adapters and battery chargers designed specifically for your devices, we ensure that you can continue working in even the harshest of environments.

Lind is highly regarded worldwide for our ability to design, engineer and manufacture custom mobile power solutions that meet specific industry and environmental standards. That means no matter if you are taking your laptop into the desert, or you are using a tablet in the Amazon rainforest; our adapters and chargers will charge your device and keep you moving, working and connected.

These fully rugged MIL SPEC adapters meet the most common electrical and environmental MIL-Standards: MIL-STD461F, MIL-STD1275D, and MIL-STD810G. They are epoxy encapsulated and sealed to resist shock, moisture and dust, as well as complying to RTCA/DO-160D, Section 21 standard.

Lind Power Adapters incorporate the highest degree of circuit protection for your Getac device and the adapter itself. The adapter's electronics are housed in a rugged aluminum case, filled and sealed with epoxy potting material. This protects the adapter from potential damage by shock, vibration, dust and also guarantees improved heat dissipation.

For more information, contact your Getac sales representative.

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# COMPATIBILITY MATRIX

	Standard DC/DC Adapters				Isolated Adapters					USB Type C Adapters							MIL-STD	
	54138307G001	4421270G0008	590GBL000454	590GBL000455	592GUK000016	592GUK000017	592GUK000018	590GBL001068	590GBL001069	590GBL000935	590GBL000936	590GBL001111	590GBL001112	590GBL000833	590GBL000834	590GBL000817	590GBL000835	592GUK000105
A140G2 onwards	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓*2	✓*2	✓*2	✓*2					✓
B360G1 onwards	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓*2	✓*2	✓*2	✓*2					✓
B360G1 Pro onwards*1	✓*2	✓*2	✓*2	✓*2	✓*2	✓*2	✓*2	✓*2	✓*2	✓*2	✓*2	✓*2	✓*2					✓*2
F110G1 onwards	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓*2	✓*2	✓*2	✓*2					✓
K120G1 onwards	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓*2	✓*2	✓*2	✓*2					✓
S410G1 onwards*1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓*2	✓*2	✓*2	✓*2					✓
S510G1 onwards	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓*2	✓*2	✓*2	✓*2					✓
UX10G1 onwards	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓*2	✓*2	✓*2	✓*2					✓
V110G1 onwards	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓*2	✓*2	✓*2	✓*2					✓
ZX80G1 onwards	✓*3	✓*3	✓*3	✓*3	✓*3	✓*3	✓*3	✓*3	✓*3	✓*2	✓*2	✓*2	✓*2	✓*2	✓*2	✓*2	✓*2	✓*3
ZX10G1 onwards	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓*2	✓*2	✓*2	✓*2	✓*2	✓*2	✓*2	✓*2	✓

\*1 Excluding Models with discrete Graphics Card  
 \*2 Compatible with device only, no charging via Vehicle Dock  
 \*3 Compatible with Vehicle Dock only



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For further information please contact your regional Getac sales representative.

RUGGED. RELIABLE. RESPONSIVE.™

