



60 Watt Continuous, 72 Watt max. Automobile Power Adapter

- Suitable for use with PenTablets, Mini-Notebooks and portable DVD players etc.
- Car/Truck/Air adapter.
- 12V/15V/24V DC/DC Converter

Input Characteristics

Input Voltage / Frequency		Input Current	Power
minimum	maximum	maximum	maximum
9 V DC	32 V DC	8.6 A	77 W

Output Characteristics

Output Charge Voltage		Output Current		Power	Tolerance
minimum	maximum	minimum	maximum	maximum	maximum
3 V DC	24 V DC	0.0 A	4 A	72 Watts	± 1 %

Operating Temperature		Storage Temperature		Relative Humidity
minimum	maximum	minimum	maximum	no Condensation
-20 ° C	35 ° C	-40 ° C	85 ° C	95 %


Electrical Safety Specifications

Short Circuit	Reverse Voltage	Input Current	Housing Isolation	Cables
continuous	continuous	10 A fuse	IP42 (EN60529)	AWM 2464 / 10641

Housing Specifications

Material	Length	Width	Height	Weight (approx.)	Operation Display
PC plastic UL94-V0	111 mm	48 mm	35 mm	260 g (inc. cables & conns)	Single green LED
Strain Relief	Injection moulded pvc				
Over Temperature	Auto shutdown and recover				
Thermal	EN60950				

Connector and Cable Specification

Input Connector	Input Cable Length	Output Connector	Output Cable Length	Cable Styles
Cigarette lighter and ISO4165 norm, optional AIR ARINC628	Typical: Ca. 100 cm		User definable	Typical: ca. 100cm AWG 17

Technical Data Sheet

CAR4A Car/Truck/Air



International Standards

Conducted and Radiated Emissions EN 55011 Class B, EN60601, FCC 15 Part B 95/54/EG, DIN 40839 Part 1, EN 61024	Electro Static Discharge (ESD) EN61000-4-2	Radiated Electro Magnetic Fields (RS) EN 61000-4-3 DIN 40849 Part 4	Electrical Fast Transient burst (EFT) EN61000-4-4 DIN 40839 Part 1
Lightning / Surge EN61000-4-5 DIN 40839 Part 1	Conducted Radio Frequency Disturbances (CS) EN61000-4-6	Power Frequency Magnetic Field NA	Voltage Dips / Short Interruption / Variations DIN 40839 Part 1 test impulse 4: NA

Reliability

Mean Time Before Failure (MTBF) MIL-HDBK217F 20 000 hours	Component de-rating Semiconductor junction temperatures shall not exceed the manufacturer's maximum thermal rating.
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World Wide Approvals and Green Procurement


Europe CE and E13 EN 60950	International CB Report IEC 60950 RoHS 2002 / 95 EC and WEEE 2002 / 96 / EC	USA / Canada cULus UL60950
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Test Specifications

Cold IEC68-2-1	Dry Heat IEC68-2-2	Damp Heat IEC68-2-3	Shock IEC68-2-27 & -29 & -32	Vibration IEC68-2-6
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All values quoted measured at 25°C unless otherwise stated

Ordering Codes

Product	Part Number	Voltage	Current	Input Cable Code	DC Output Plug
	CAR4A	CAR4A	xxx	yy	CTA

Contact Addresses

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