



ISO 9001:2008  
REGISTERED



**10 Watts, Wall Plug-In, AC/DC Switching Adapter with USB**



**ELECTRICAL SPECIFICATIONS:**

**INPUT VOLTAGE:**

SPECIFIED 90-264 VAC, NAMEPLATE RATED: 100-240VAC

**INPUT FREQUENCY:**

SPECIFIED 47-63 HZ, NAMEPLATE RATED 50-60HZ

**OUTPUT REGULATION:**

±5% (USB PORTS)

**RIPPLE AND NOISE:**

300MVP-P MAXIMUM, AT 20 MHZ, AND OUTPUT PARALLEL WITH 0.1UF & 10UF CAPACITORS TO GROUND  
TEMPERATURE AT 25 °C, AND NOMINAL AC INPUT VOLTAGE

**TURN-ON DELAY:**

3 SECONDS MAX

**HOLD-UP TIME:**

5 MS MINIMUM

**INRUSH CURRENT:**

AT FULL LOAD, 25°C, COLD START

**SWITCHING FREQUENCY:**

100 KHZ TYPICAL, VARIES WITH LINE AND LOAD

**EFFICIENCY:**

79% MINIMUM AT NOMINAL INPUT VOLTAGE AVERAGE,  
EFFICIENCY MEETS CEC V, ERP: 2009/125/EC

**PROTECTION**

**OVER-CURRENT PROTECTION:**

4A MAXIMUM WITH AUTO-RECOVERY FUNCTION

**OVER-VOLTAGE PROTECTION:**

10VDC MAXIMUM WITH ZENER CLAMP

**SHORT-CIRCUIT PROTECTION:**

THE ADAPTER SHALL NOT BE DAMAGED BY SHORT THE DC OUTPUT TO GROUND.

**SAFETY**

**DIELECTRIC WITHSTAND VOLTAGE:**

PRIMARY TO SECONDARY: 3000VAC 10MA 1MINUTE OR  
4242VDC 10MA 1 MINUTE

**LEAKAGE CURRENT:**

0.25MA MAXIMUM, AT NOMINAL AC INPUT VOLTAGE  
AND FREQUENCY

ESD IMMUNITY PER EN61000-4-2, ±8 KV CONTACT, ±15 KV  
AIR, PERF CRITERIA A STANDARD.

**OTHER:**

**MTBF:**

200,000 HOURS @ 25°C AMBIENT TEMPERATURE

**OPERATING TEMPERATURE:**

-0 °C TO 50 °C

**OPERATING HUMIDITY:**

20 ~ 85 % RH. NON-CONDENSING

**STORAGE TEMPERATURE:**

-20 °C TO +60 °C

**STORAGE HUMIDITY:**

5 ~ 95 % RH. NON-CONDENSING

**COOLING:**

COOLING SHALL BE WITH NATURAL CONVECTION COOLING

**ROHS 2:**

COMPLIES WITH EU 2011/65/EU CHINA SJ/T 11364-2014

**OUTPUT VOLTAGE / CURRENT:**

MODEL NUMBER	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (A)	RATED OUTPUT POWER (W)
GT-83084-USB-W2E	+5.0	0 - 2.0	10





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ENCLOSURE

HOUSING: HIGH IMPACT PLASTIC, 94V0 POLYCARBONATE, NON-VENTED  
MARKINGS: LABEL AND/OR PAD PRINTED AND/OR MOLDED IN THE CASE

