

FEATURES

- Ultra compact AC adapter
- Very low standby power
 - UL/CSA/VDE/CE safety approvals
- FCC level B / VCCI Class 2
- Universal AC Input
- Light weight – only 200g
- Custom logo marking available

INSULATION

All models meet the requirements of UL1950 Class 2, Input-to-Output, and Leakage Current specifications.

ENVIRONMENT

Operating Temp.	0 to +40°C at full load. (derated linearly to 50°C at 5%/°C)
Storage Temp.	-40 to +85°C
Operating Humidity	5 - 95%, (non-condensing)
Storage Humidity	5 - 95%, (non-condensing)

SPECIFICATIONS

INPUT

Voltage	90 - 264 VAC
Frequency	47 - 63 Hz
Current	
Full Load	100 VAC - 0.9A (RMS) 200 VAC - 0.5A (RMS)

OUTPUT

Regulation

Total	±5%
Initial set point	±3%
Ripple & Noise	1% max. (peak-to-peak) (measured at 25°C)
Hold-up Time	5 mS min. (measured at 100 VAC, full load, 25°C)
Rise Time	200 mS max. (measured at 100 VAC, full load, 25°C)
Converter Topology	Flyback Converter
Operating Frequency	60 - 100 KHz

PROTECTION

Overvoltage	Shutdown at 150% max of rated output.
Overload	All models are protected against overload. The control circuit has a foldback characteristic with the knee set at 100% min of full-rated load. Recovery is automatic after removal of the fault.

MODEL SPECIFICATIONS

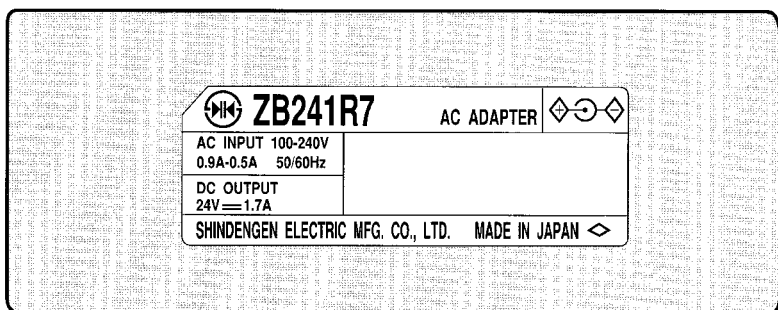
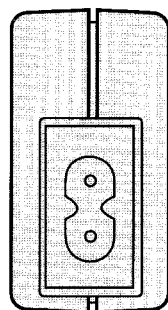
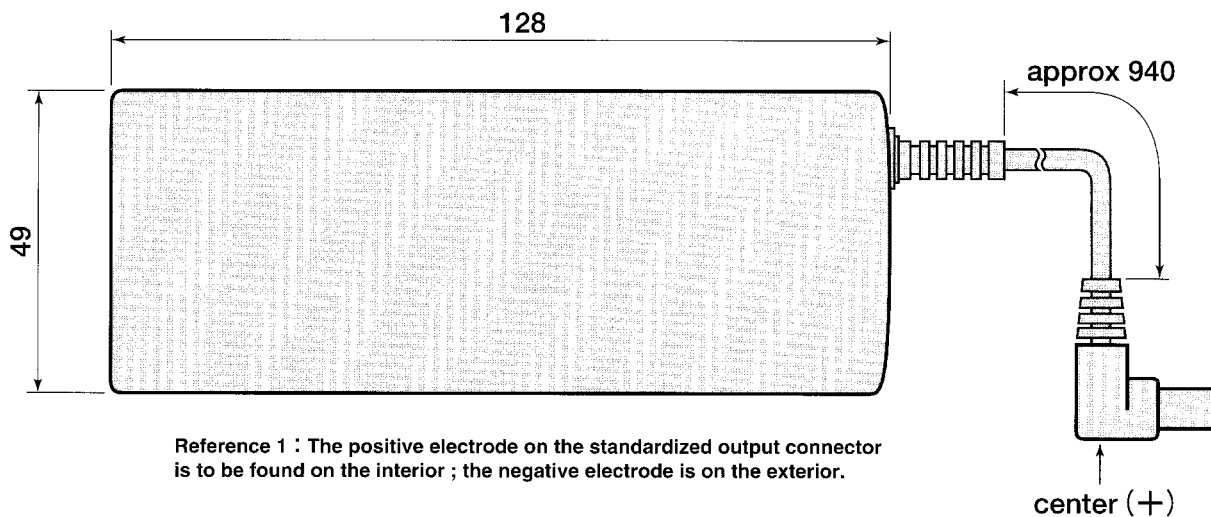
Model Number	Output Voltage	Output Current	Efficiency	Power Rating
ZB09003	9V	0-3A	79%	36W
ZB12003	12V	0-3A	78%	36W
ZB142R6	14V	0-2.6A	78%	36W
ZB152R4	15V	0-2.4A	78%	36W
ZB162R5	16V	0-2.5A	78%	40W
ZB192R1	19V	0-2.1A	78%	40W
ZB241R7	24V	0-1.7A	78%	41W

NOTE: Modification to any output voltage between 9V & 24V is available – consult factory for details.

MECHANICAL SPECIFICATIONS

Dimensions: 128mm x 49mm x 25.4mm

Weight: 200g



Dimensions in mm.