

Linear power supplies—Open frame



Products MODEL: AN-A12W series

Technical Specifications

All specifications typical at nominal line, full load and 25°C unless otherwise noted.

Output Voltage and Current	5VDC/2A
Output Voltage Adjustment Range	±5%.
Load Regulation	NL to FL : ±0.05% max.
Line Regulation	±10%.
Input Change	±0.05% max.
Output Ripple	1mV rms max., 3mV p-p.
Temperature Coefficient	0.01% per °C.
Transient Response, 50% FL Change	50µsec max.
Stability, 8 hours, after warm-up	±0.05%.
Short Circuit Protection	Foldback current limiting automatic recovery.
Overvoltage Protection	Crowbar, on 5V output (set at 6.2V ±0.4V optional for other outputs).
Remote Sensing	Standard on all outputs (on main output, upto 0.5V drop. Open sense-lead protection built-in).
Reverse Voltage Protection	Standard.
Input Voltage	100 / 120 / 220 / 230 / 240V AC.
Input Frequency	47Hz - 63Hz. Derate 10% at 50Hz.
Efficiency (Measured at Normal Output +0.5V)	5V outputs : 45%. 12V & 15V outputs : 55% 24V outputs : 60%.
Break Down Voltage (Input to Output or Input to Ground)	3750V AC min.
Operating Temperature Range	0°C to 70°C.
Derating, 50°C to 70°C	3% per °C.
Storage Temperature Range	-25°C to +85°C.

Safety specification

Safety approval: CE, UL mark