

Power Management Unit

- Single Unit for All AC and DC Power Management
- Space-Saving, Compact Enclosure
- Reduces Labor and Assembly Costs
- Provides All DC Voltages for Most Configurations



EGT makes another improvement in gaming cabinet performance and build-outs with its newly-designed Power Management Unit (PMU).

This single unit combines AC-line powered switching power supply, AC and DC power distribution, and circuit protection in a compact footprint – meeting the demand for more space inside the cabinet.

By replacing separate devices for each power-related function, the PMU also reduces assembly costs. The time and labor associated with installing individual components (brackets, cables, etc.) is eliminated.

The PMU is available for any EGT cabinet, and is sold separately to the industry.

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AC/DC Power Management Space-Saving Reduces Costs

Features

- Combines AC-line powered switching power supply, AC and DC power distribution, and circuit protection in a single compact footprint enclosure
- Built-in, active PFC (Power Factor Correction) circuit
- Four 120V NEMA 5-15 outlets provided (240VAC outlets available in the 240V version)
- IEC 60320 - 120V AC input (240VAC version available)
- Separate power switch, line fuse and input filter
- Robust 460W total power output
- Energy efficiency greater than 80%
- Output DC voltages: 3.3V, 5V, 12V -12V, 24V
- Provides 5V Standby, PWR OK and PS-ON signals compatible with the ATX 2.0 specification
- Nine DC output busses individually fused
- Spare DC output connections built-in for expansion

Specifications

GENERAL

Operating temperature range: 0 to +50 deg. C
Efficiency: Better than 80%

MECHANICAL

Housing: 16Ga G30 Galvanized Steel
Dimensions: 10.23" L x 5.14" W x 7.17" H
Weight: 10lbs

INPUT

Supply Voltage: 90 - 264 V-rms; 47 - 63Hz
Inrush Current: (Cold start - 25 deg. C) 115V - 80A; 230V - 160A
Input Line Current: 115V - 8.0 Amps - rms maximum; 230V = 4.0 Amps maximum
Earth Leakage Current: Max 3.5mA @ 264Vac/60Hz

OUTPUTS

Output	Nominal	Regulation	Ripple/Noise	Max
1	+3.3V	+/-5%	50mV	22.0 A
2	+5V	+/-5%	50mV	16.0 A
3	+12V1	+/-5%	120mV	18.0 A
4	+12V2	+/-5%	120mV	18.0 A
5	+24V	+/-5%	200mV	5.0A
6	-12V	+/-10%	120mV	0.5A
7	+5VSB	+/-10%	50mV	3A
8	-5V	+/-5%	100mV	0.3A



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