



External Power Supplies – Single Output: 6-100W

Listed below is our most popular commercial grade (UL 1950) single output AC DC power supplies are for designers who want to take AC power into their system and then regulate the power on-board to generate the voltages they need.



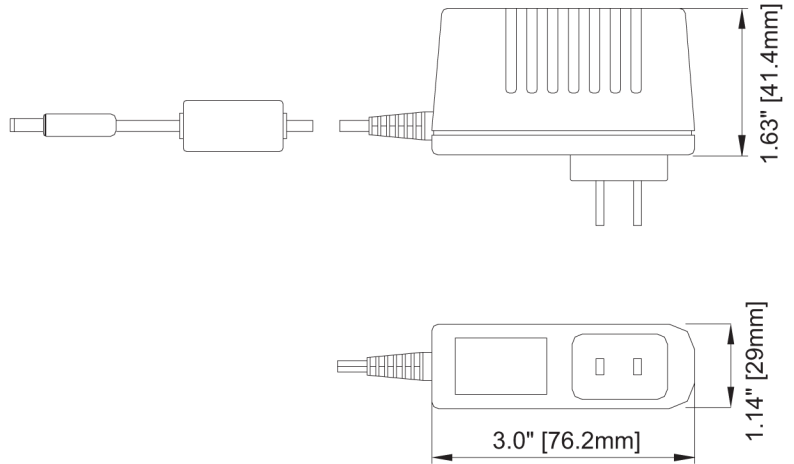
- Commercial Grade (UL 1950)
- Single Output
- 6-100 Watts
- Various Models Available in Fast Track Program

Model Numbers:

Model/Series	Volts	Input AC	Power (Watts)	Fast Track	Power Supply Type	PFC	CEC	RoHS	Class	
FW18	5,12,18,24	100-240	18	Yes	Switching Regulated	No	No	Yes	I	
FWC18	5,12,18,24	85-264	18	Yes	Switching Regulated	No	Yes	Yes	I	

FWB100	12,18,24	100-240	100	No	Switching Regulated	Yes	Yes	Yes	I	
FWP100	12,24	100-240	100	No	Switching Regulated	Yes	No	Yes	I	

Model/Series	Volts	Input AC	Power (Watts)	Fast Track	Power Supply Type	PFC	CEC	RoHS	Class	
WM050-1950-760	5	108-132	6	No	Linear Regulated	No	No	No		
WM075-1950-D5	5	108-132	7.5	No	Linear Regulated	No	No	No		
WM080-1950-760	24	108-132	8	No	Linear Regulated	No	No	No		
WM10	5,12,24	100-120	10	No	Switching Regulated	No	No	No		



Features

- Level B EMI filter
- Fully regulated output
- High efficiency
- Weight = 0.35 lbs.
- 5 year warranty

Environmental

- Operating temperature0°C to 40°C
- Storage temperature-55°C to 85°C

EMI

Meets FCC class B, CISPR 22 class B

Safety

UL/cUL UL-60950

Electrical specifications

Input

- Voltage..... 100-120 VAC
- Current0.25 Amp @ 115 VAC
- Frequency50-60 Hz
- Input connector 2pin NEMA 5/15 (no Ground pin)

Output

- Hold up time20ms minimum at full load, 115 VAC
- Over voltage protection..Built-in
- Line regulation.....TYP +/- 1%
- Load regulation.....TYP +/- 5%
- Set point..... +/- 3% at 60% load
- Transient responseRecovery within 1% of nominal output within 2ms for 50% to 100% load change. Max excursion of 6% from set point
- Over current protection .. 150% of maximum load
- Short circuit protection ..Pulsing mode, auto recovery
- Efficiency.....75% minimum at full load and 115 VAC
- Ripple/noise (V_{p-p}) +/- 1% (20 MHz bandwidth)
- Output connector Barrel connector (5.5 x 2.5 x 9.5mm)

Output Electrical Specifications

Model No.	Voltage	Power	Current
WM1005-760	5V	10W	2A
WM1012-760	12V	10W	0.8A
WM1024-760	24V	10W	0.4A

Polarity: COM  +V

