

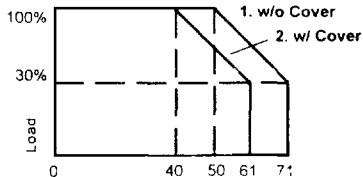


Switching Power Supply

EXU & EXI SERIES

Features:

- 10W - 150W Single Output Models
- AC Input for U.S. & Canada (EXU Models)
- AC Input for Europe (EXI Models)
- Safety Approvals: UL, CSA
- EMI: FCC Class "B" (10 - 30W Models)
FCC Class "A" (50 - 150W Models)
- High Reliability
- Low Cost, High Performance
- Metal Chassis with Cover
- Compact, Extremely Low-Profile Packages
- Two Year Warranty

SPECIFICATIONS	EXU AND EXI MODELS
INPUT VOLTAGE	EXU: AC100 / 120V (AC85 - 132V) EXI: AC200 / 220V (AC180 - 260V)
INPUT FREQUENCY	50/60 Hz (47 ~ 63 Hz)
EFFICIENCY (% typ.)	10W: 72%, 15W: 67%, 30W: 76%, 50W: 78%, 100W: 86%, 150W: 80%
INPUT CURRENT	2.3A (typ) 3.5A (typ)
INRUSH CURRENT	EXU: 30A max. EXI: 40A max
OUTPUT ADJUST RANGE	±10%
LINE REGULATION	0.4% max.
LOAD REGULATION	0.8% max.
OVERVOLTAGE PROTECTION	Built-in
OVERCURRENT PROTECTION	Built-in
TEMPERATURE COEFFICIENT	0.02% / °C
DRIFT	0.5% +15 mV max. / 8 hr. (after 1 hour)
RISE TIME	200 mS max.
OPERATING TEMPERATURE (0°C to 71°C)	 1. w/o Cover 2. w/ Cover
STORAGE TEMPERATURE	-20 - 85 °C
HUMIDITY	25 - 85% RH (Non Condensing)
DIELECTRIC WITHSTANDING VOLTAGE	Primary - Secondary: AC2000V / 1 min. Primary - Case: AC2000V / 1 min.
LEAKAGE CURRENT	EXU: 0.5 mA max. EXI: 0.8 mA max.
ISOLATION RESISTANCE	INPUT - OUTPUT - CASE 100 M-ohms min.
SAFETY	UL1950 CSA No. 234
SHOCK TEST PROCEDURES	Vibration: 0.5mm width, 10 - 55 Hz / 1 min. cycle, 3 directions each 30 minutes Shock: 20G (3 directions each 3 times)
WARRANTY	2 YEAR

EXU Series (AC85 to 132V)

W	MODEL	OUTPUT	
		VOLT	AMPS
10W	EXU-05002	5V	2.0A
	EXU-120R9	12V	0.9A
	EXU-150R7	15V	0.7A
	EXU-240R45	24V	0.45A
15W	EXU-05003	5V	3.0A
	EXU-121R2	12V	1.2A
	EXU-15001	15V	1.0A
	EXU-240R6	24V	0.6A

W	MODEL	OUTPUT	
		VOLT	AMPS
30W	EXU-05006	5V	6.0A
	EXU-122R5	12V	2.5A
	EXU-15002	15V	2.0A
	EXU-241R3	24V	1.3A
	EXU-480R6	48V	0.6A
50W	EXU-05010	5V	10.0A
	EXU-124R2	12V	4.2A
	EXU-153R3	15V	3.3A
	EXU-242R1	24V	2.1A
	EXU-481R1	48V	1.1A

W	MODEL	OUTPUT	
		VOLT	AMPS
100W	EXU-05020	5V	20.0A
	EXU-128R4	12V	8.4A
	EXU-156R6	15V	6.6A
	EXU-244R2	24V	4.2A
	EXU-482R2	48V	2.2A
150W	EXU-05030	5V	30.0A
	EXU-12012	12V	12.0A
	EXU-15010	15V	10.0A
	EXU-246R3	24V	6.3A
	EX-483R3	48V	3.3A

EXI Series (AC170 to 264V)

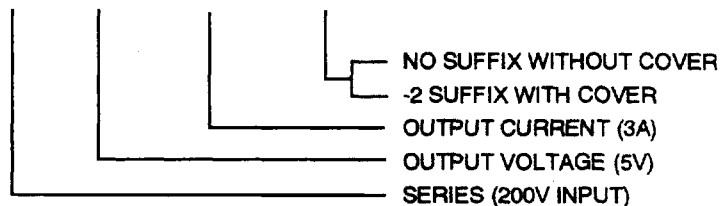
W	MODEL	OUTPUT	
		VOLT	AMPS
10W	EXI-05002	5V	2.0A
	EXI-120R9	12V	0.9A
	EXI-150R7	15V	0.7A
	EXI-240R45	24V	0.45A
15W	EXI-05003	5V	3.0A
	EXI-121R2	12V	1.2A
	EXI-15001	15V	1.0A
	EXI-240R6	24V	0.6A

W	MODEL	OUTPUT	
		VOLT	AMPS
30W	EXI-05006	5V	6.0A
	EXI-122R5	12V	2.5A
	EXI-15002	15V	2.0A
	EXI-241R3	24V	1.3A
	EXI-480R6	48V	0.6A
50W	EXI-05010	5V	10.0A
	EXI-124R2	12V	4.2A
	EXI-153R3	15V	3.3A
	EXI-242R1	24V	2.1A
	EXI-481R1	48V	1.1A

W	MODEL	OUTPUT	
		VOLT	AMPS
100W	EXI-05020	5V	20.0A
	EXI-128R4	12V	8.4A
	EXI-156R6	15V	6.6A
	EXI-244R2	24V	4.2A
	EXI-482R2	48V	2.2A
150W	EXI-05030	5V	30.0A
	EXI-12012	12V	12.0A
	EXI-15010	15V	10.0A
	EXI-246R3	24V	6.3A
	EXI-483R3	48V	3.3A

ORDERING INFORMATION

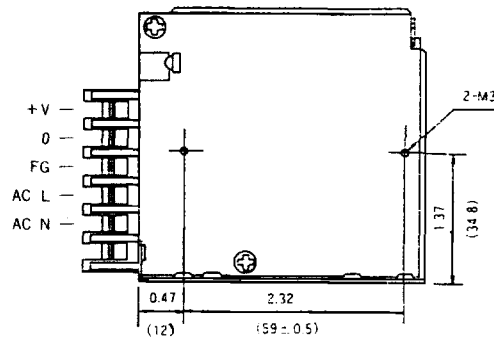
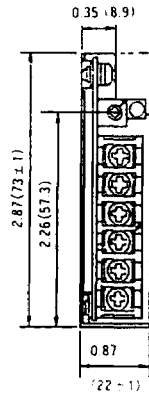
EXI - 05 003 -2



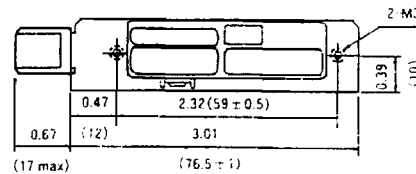
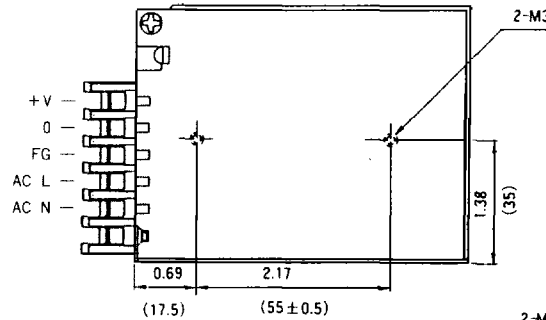
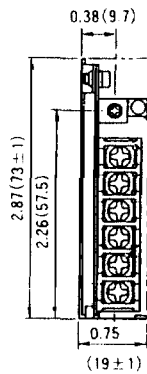
Specifications subject to change without notice.

**Volgen America, Inc.**

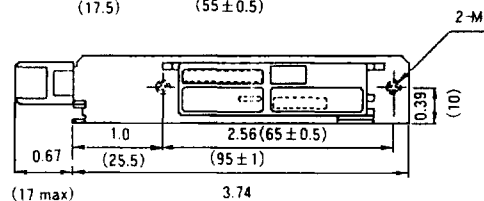
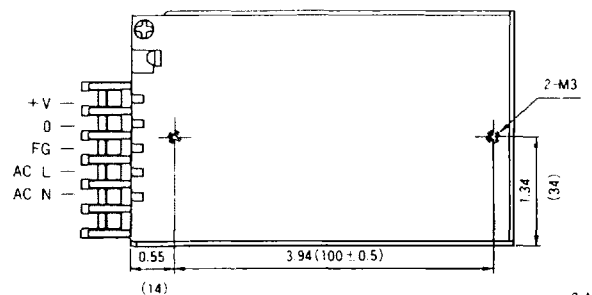
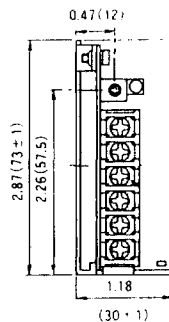
1690 McCandless Drive, • Milpitas, CA 95035 • Tel: (408) 941-9696 • Fax: (408) 941-9697

10W

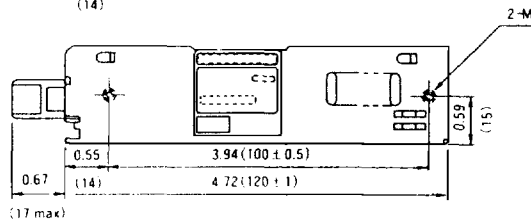
WEIGHT: 120g

**15W**

WEIGHT: 130g

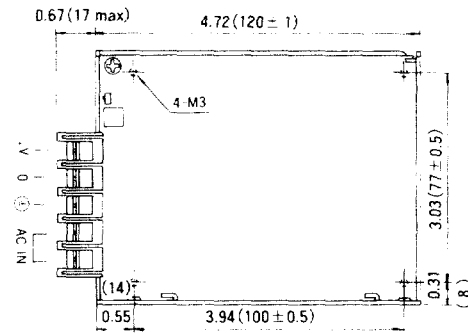
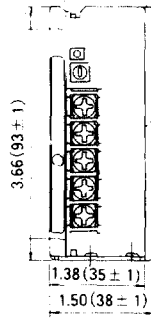
**30W**

WEIGHT: 230g

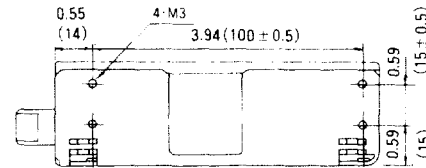
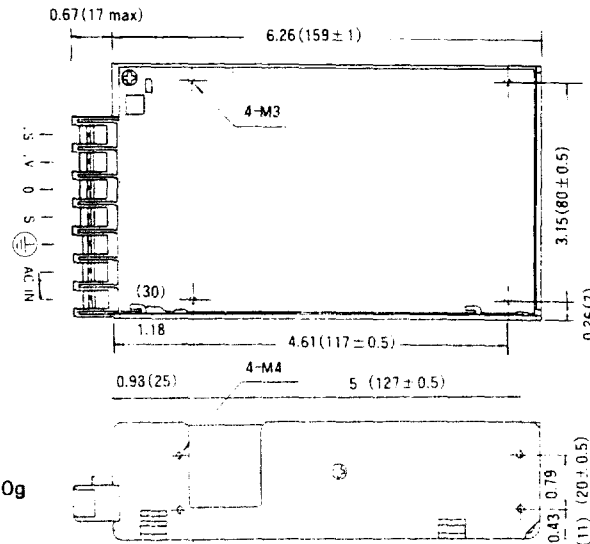
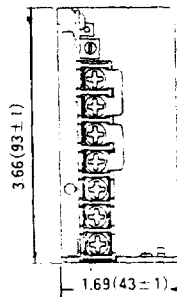


Note:
No. 6-32 mounting holes standard
Dimensions: inches (mm)

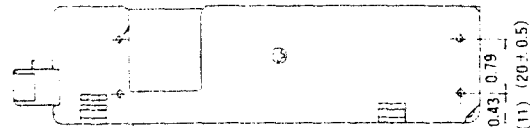
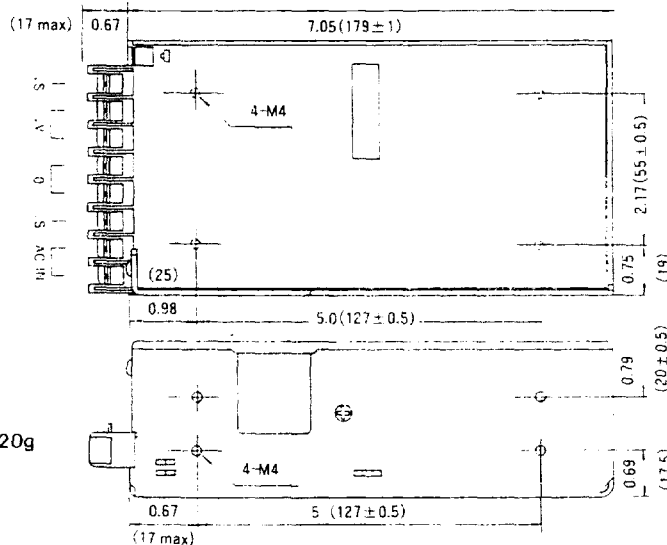
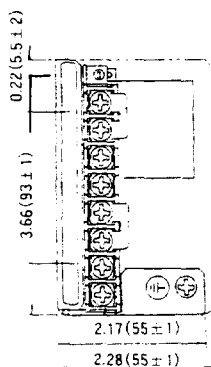
Specifications subject to change without notice.

50W

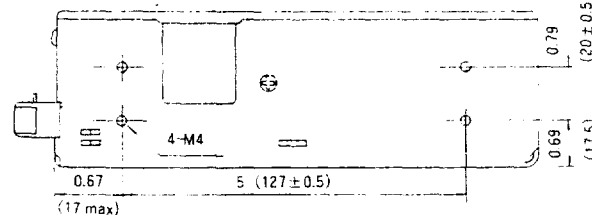
WEIGHT: 340g

**100W**

WEIGHT: 550g

**150W**

WEIGHT: 720g



Note:

No. 6-32 mounting holes standard
Dimensions: inches (mm)

Specifications subject to change without notice.