

Catalog Number	
Notes	Type



Description:

The series EFT is a central inverter system for emergency lighting applications. The series EFT is FAST TRANSFER, achieving transfer from normal AC input to battery output within 2 milliseconds and will power both normally on and off lighting loads including incandescent, fluorescent, and HID.

Compatible Lamp Sources:

Incandescent, fluorescent, and HID. Normally ON and OFF loads, including cold starts.

Construction:

Enclosure is NEMA Type 1, 14 gauge steel, powder coated finish. Unit has 2 front hinged doors with security locks.

Electrical:

Input and output voltage is 120, or 277 VAC single phase, 2 wire, +/- 10 %. Other voltages are available. Consult factory. All units have an input circuit breaker. Harmonic distortion is < 10 %. Power factor is .5 lag/lead. Mixed output voltages are available.

Battery:

Sealed maintenance free Lead Calcium is standard. NICAD and Long Life Lead are also available. Lead Calcium batteries are front access style for easy installation and maintenance. Automatic low voltage disconnect is standard.

Environmental:

< 10,000 feet above sea level, without derating. Less than 95% non-condensing humidity. Ambient operating temperatures range from 32B F to 95B F.

Performance:

Inverter unit is a standby UPS type, pulse width modulation achieving transfer to emergency in 2 ms, fast enough to power incandescent, fluorescent, or HID lamp sources. Unit run time is 90 minutes standard, other run times are available, consult factory.

Metering:

The control panel is a microprocessor controlled 2X20 LCD display with touchpad. Display shows input/output voltage, battery voltage, battery & output current, output VA and temperature. Display maintains a memory record of the 50 most recent failure events.

Listing/Code Compliances:

UL924 listed
NFPA101

Warranty:

1 year standard warranty includes parts & labor. Batteries are covered by a 10 year pro-rated warranty.



EFT SERIES

*Fast Transfer Inverter
Single Phase,
1.5 kva - 16.7 kva
Incandescent
Fluorescent
HID*

Model Number	VA Rating	# of Electrical Cabinets	# of Battery Cabinets	UPS Cabinet Dimensions			Battery Cabinet Dimensions			Inverter Cabinet Weight (lb)	Battery Cabinet Weight (lb)	Total System Weight (lb)	# of Batteries	*Max Util. Input Amps	*Heat Loss % BTUs
				W(In)	H(In)	D(In)	W(In)	H(In)	D(In)						
EFT-**	1500	1	0	30	46	22	na ²	na ²	na ²	215	0	215	4	16	75
EFT-**	2250	1	0	30	46	22	na ²	na ²	na ²	230	0	230	6	24	100
EFT-**	3000	1	0	30	46	22	na ²	na ²	na ²	235	0	235	8	32	160
EFT-**	3750	1	0	30	46	22	na ²	na ²	na ²	240	0	240	10	39	200
EFT-**	4800	1	0	30	46	22	na ²	na ²	na ²	280	0	280	12	50	245
EFT-**	6000	1	1	30	46	22	30	46	22	300	1260	1560	15	63	300
EFT-**	8000	1	2	30	46	22	30	46	22	335	890	2115	20	84	400
EFT-**	10000	1	2	30	46	22	30	46	22	440	1038	2516	24	105	500
EFT-**	12500	1	2	30	46	22	30	46	22	460	1260	2980	30	131	660
EFT-**	16700	1	3	30	46	22	30	46	22	500	1137	3910	40	174	840

** = VA Rating

² Batteries are installed internally to the Inverter Electronics Cabinet

ORDERING INFORMATION

SAMPLE CAT#: EFT-120-6000-120-LC-**

EFT							
Series	Voltage In	Wattage (VA)		Voltage Out		Battery Type	Options
	120	1,500	6,000	120	120/277	LC Lead Calcium	See Options Page
	208	2,250	8,000	277	120/240	LL Long Life Lead	
	240	3,000	10,000	208	277/120	NC Nickel Cadmium	
	277	3,750	12,500	240	347/120		
	347	4,800	16,700	347			



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