



LIGHT SUPPORT POWER SYSTEMS FTC3R & 3FTC3R OUTDOOR SERIES

Outdoor fast transfer emergency lighting Inverter system 3KVA – 8KVA

TYPE _____
 CATALOG # _____

 NOTES _____

FEATURES

- 98% efficient @ full load
- PWM/IGBT technology
- Self-testing/Self-diagnostic
- Standard input circuit breaker
- Standard internal bypass switch
- RS232 communication port
- Standard seismic zone 4 brackets
- Standard summary dry contacts
- Automatic event and alarm log
- NEMA 3R cabinet for outdoors
- 90 min. standard run time
- Generator compatibility
- Custom voltages available
- Automatic event, test and alarm log
- LCD display
- One size cabinet
- Maintenance free standard 5 year batteries
- Temperature controlled cooling fans

ELECTRICAL/MECHANICAL CHARACTERISTICS^{3,4}

POWER RATING kVA=KW	EFFIC. AT FULL LOAD %	HEAT LOSS (BTU)	BATT. VDC	BATT. A	NO. OF BATT. ²	UPS CABINET DIMENSIONS			UPS CAB. WEIGHT LBS	BATT. WEIGHT LBS	TOTAL SYSTEM WEIGHT LBS
						W" ¹	H"	D"			
3 (1PH)	98	255	120	37	10	48	76	30	535	888	1633
4 (1PH)	98	340	144	40	12	48	76	30	535	1110	1855
5 (1PH)	98	408	180	40	15	48	76	30	535	1480	2247
6.5 (1PH)	98	544	240	39	20	48	76	30	639	1776	2835
8 (1PH)	98	680	144	82	24	48	76	30	639	2220	3279
4 (3PH)	98	326	144	39	12	48	76	30	639	2960	4063
5 (3PH)	98	408	180	39	15	48	76	30	1250	4440	6390
6.5 (3PH)	98	544	240	39	20	48	76	30	1250	6080	8630
8 (3PH)	98	680	144	81	24	48	76	30	1450	7400	10150

1- Factory installed floor mount brackets; add 2.5" to each side (total 53")

2- Standard batteries are 5 year life expectancy. Batteries are installed in the same cabinet with electronics.

3- UL rated for 90 min. run time for temperatures: 50°F to 104°F (10°C to 40°C) or -4°F to 104°F (-20°C to 40°C) with optional heater.

4- NEMA type 3R, freestanding, two-door powder coat cold rolled steel cabinet standard. Stainless steel enclosure is optional.

ORDERING INFORMATION

SYSTEM TYPE	BATTERY TYPE	INPUT VOLTAGE ³	VA/W RATING ⁵	OUTPUT VOLTAGE ³	RUN TIME ²	INPUT BREAKER	RS232 PORT	INTERNAL BYPASS SWITCH	OUTPUT BREAKERS ⁴	OPTIONS ¹
FTC3R- single phase 3FTC3R- 3 phase	SC- Sealed Lead-Calcium	120, 1PH 208, 1PH 240, 1PH 277, 1PH 120/208, 3PH 277/480, 3PH	L- 3000 M- 4000 P- 5000 R- 6500 S- 8000	120 208 277 120/208 277/480	90	ICB	RS232	MBYP	OCBxxxx- No trip alarm OCAxxxx- With trip alarm	10Y- 10 yr sealed batteries 12HR- 12 hr fast recharge NOFF- Normally off output ⁶ EMBP- External bypass switch ⁵ RMP- Remote metering panel RSAP- Remote summary alarm panel HTR- Heater INVON- Inverter on dry contacts MOD- External modem FAX- Fax modem BPR- Bypass relays SS- Stainless steel enclosure

³ 1PH are input voltages available for 1 phase systems. 3PH are input voltages available for 3phase systems.

⁵ Not available in 3 phase version.

³ 1PH are input voltages available for 1 phase systems. 3PH are input voltages available for 3phase systems.

² Other run times available.

⁴ Max. 14 unsupervised single pole positions or 8 with trip alarm. See page 145 for output breakers option details.

¹ See page 145 for options description. Summary alarm dry contacts and seismic brackets are standard.
⁵ Not available in 3 phase version.
⁶ Normally off loads cannot exceed 20% of total KVA rating with any combination of H.I.D. loads.

EXAMPLE: FTC3R-SC277P277-90-ICB-RS232-MBYP-OCB1020-10Y