

## Light Support Power Systems FTC3R & 3FTC3R

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



### 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
- Temperature controlled cooling fans



### Electrical characteristics and dimensions<sup>4</sup> (data provided for standard lead calcium batteries)<sup>1, 4</sup>

Power rating <sup>1</sup> kVA=kW	Effic. at full load	Heat loss in normal mode		Batt. VDC	Batt. A	No. of Batt. <sup>2</sup>	UPS cabinet dimensions			Batt. cab. weight lbs (empty)	UPS cab. weight lbs	Batt. weight lbs	Total system weight lbs
		BTU/HR	BTU				W" <sup>1</sup>	H"	D"				
3 (1PH)	98	255	120	120	37	10	48	76	30	N/A	535	888	1633
4 (1PH)	98	340	144	144	40	12	48	76	30	N/A	535	1110	1855
5 (1PH)	98	408	180	180	40	15	48	76	30	N/A	535	1480	2247
6.5 (1PH)	98	544	240	240	39	20	48	76	30	N/A	639	1776	2835
8 (1PH)	98	680	144	144	82	24	48	76	30	N/A	639	2220	3279
4 (3PH)	98	326	144	144	39	12	48	76	30	210	639	2960	4063
5 (3PH)	98	408	180	180	39	15	48	76	30	232	1250	4440	6390
6.5 (3PH)	98	544	240	240	39	20	48	76	30	420	1250	6080	8630
8 (3PH)	98	680	144	144	81	24	48	76	30	420	1250	7400	10150

<sup>1</sup> Factory installed floor mount brackets; add 2.5" to each side (total 53")

<sup>2</sup> Standard batteries are 5 year life expectancy.

Batteries are installed in the same cabinet with electronics

<sup>3</sup> 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

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

### Ordering format

System type	Battery type	Input voltage <sup>3</sup>	VA/W rating <sup>5</sup>	Output voltage <sup>3</sup>	Run time <sup>2</sup>	Input breaker	RS232 port	Internal bypass switch	Output breakers <sup>4</sup>	Options <sup>7</sup>	
FTC3R- single phase	SC= Sealed	120, 1PH	L- 3000	120	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 <sup>6</sup> EMBP- External bypass switch <sup>5</sup> 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
	Lead-	208, 1PH	M- 3750	208							
	Calcium	240, 1PH	P- 5000	277							
3FTC3R- 3 phase		277, 1PH 120/208, 3PH 277/480, 3PH	R- 6000 S- 8000	120/208 277/480							

**Example: FTC3R-SC277P277-90-ICB-RS232-MBYP-OCB1020-10Y**

<sup>1</sup> 1PH are input voltages available for 1 phase systems. 3PH are input voltages available for 3phase systems.

<sup>2</sup> Other run times available

<sup>3</sup> 1PH are input voltages available for 1 phase systems. 3PH are input voltages available for 3phase systems.

<sup>4</sup> Max. 14 unsupervised single pole positions or 8 with trip alarm. For more output breakers please consult factory. See page 169 for output breakers option details.

<sup>5</sup> Not available in 3 phase version

<sup>6</sup> Normally Off loads cannot exceed 20% of total KVA rating with any combination of H.I.D loads

<sup>7</sup> See page 169 for options description. Summary alarm dry contacts and seismic brackets are standard.