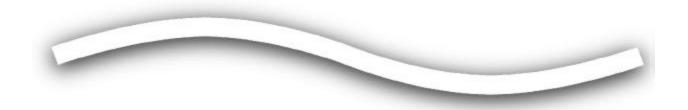
FERRUPS CTO Configuration Guide



FERRUPS QFES850VA 50 HZ Rackmount

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QFES850VA CTO Configuration Guide

Configuring Your FERRUPS UPS

FERRUPS must be ordered using a Configure To Order (CTO) Number that reflects the cabinet style, VA rating, voltages, runtime, and other options pertaining to the FERRUPS configuration. As you select the options needed, they will become part of the 15 digit CTO number.

Sample CTO Number: RL000NO1A0A0A0A. See page 850-4 for a CTO worksheet.

External bypass switches and other external options will need to be ordered as separate line items.

Base Unit (Digits 1 and 2)							
Base Model, Frequency, Cabinet Style CTO Order Code Base Price							
QFES850VA, 50 Hz Rackmount	RL	\$1891					

Input / Output Voltage (Digit 3)								
Input Voltage Output Voltage CTO Order Code Option Price								
220	220	4	\$0					
230	230	5	\$0					
240	240	6	\$0					

Battery and Battery Charger (Digit 4)									
Battery Configuration Battery Charger CTO Order Code Option Price									
11 minute internal (28 m half load)	standard	0	\$108						
28 minute internal (71 m half load)	standard	1	\$216						
Set up for internal (less batteries)	standard	3	\$54						

Internal Maintenance Bypass Switch (Digit 5)								
Internal Maintenance Bypass Switch CTO Order Code Option Price								
No internal maintenance bypass switch option available ¹	0	\$0						

¹External maintenance bypass switch available for hardwired systems. Order desired maintenance bypass switch as a separate line item on your order. See page 850-3.

Input Connection (Digit 6)									
Input Voltage Selected Input Connection CTO Order Code Option Price									
220, 230, 0r 240 volt	Hardwired	А	\$ 0						
	6-15P ¹	Е	\$60						
	UK	N	\$15						
	Australian	Р	\$15						
	Schuko	Q	\$15						

¹ UPS not TUV/CE listed

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Output Connection (Digits 7 - 14)

Output Connection Configuration is designated by 8 digits within the unit CTO number. These eight digits allow selection of the type and quantity of the receptacles.

- Two output slots available.
- If multiple quantities of one type of receptacle is desired, enter the type once with the total quantity (ex: D2 not D1D1).
- Always enter the receptacle types alphabetically (ex: D1E1 not E1D1).
- If hardwire output is desired, select type "A", quantity "0" for all four receptacle types (ex: A0A0A0A0).
- If fewer than four types of receptacle are selected, complete the remaining receptacle digits with A0 (ex: D1E1A0A0).

Output Valtage Beguired	Output Connection	сто о	rder Code	Option Price	
Output Voltage Required	Output Connection	Туре	Qty	per Panel	
	Hardwired ¹	Α		\$0	
	6-15R Duplex ²	D		\$75	
	6-20R Duplex ²	Е		\$75	
220, 230, or 240 volt	L6-15R Duplex ²	J		\$75	
	L6-20R ²	K		\$75	
	L6-30R ²	L		\$75	
	UK	0		\$70	
	Australian	Р		\$70	
	Schuko	R		\$70	
	French Schuko	Т		\$70	
Receptacle Output Connection CTO Order Code			<u>A 0 A 0</u>		
Hardwire Output Connection CTO Order Code		<u>AO AO</u>	<u>A O A O</u>		

¹ Hardwired output requires hardwired input

² UPS not TUV Listed

Internal Options (Digit 15)								
Option CTO Order Code Option Price								
No other option	А	\$0						
Neutral to Ground bond removal (For shipboard use)	Q	\$25						

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External Options

External bypass switches and other external options are not a part of the CTO number and will need to be ordered as separate line items. Some external options require that the UPS be configured for use with the option.

External Maintenance Bypass Switches ¹ (Recommended for hardwired units)									
UPS Input Voltage Switch Type Order Number List Pr									
220, 230, or 240 volt	MBB (Make Before Break)	BPE01MBB1A	\$400						
	MBB with AS/400 (iSeries) Option	BPE01MBBAS1A	\$400						

¹ Bypass Switch must be mounted on the wall near the UPS.

Other External Options								
Option	Order Number	List Price						
IBM AS/400 (iSeries) Interface Kit – UPS without maintenance bypass switch	IPK-0001	\$95						
IBM AS/400 (iSeries) Interface Kit – UPS with maintenance bypass switch	BAA-0325	\$120						
BestLink SNMP/WEB Adapter	IPK-0319	\$349						
Hand-held Remote Control Panel with Cable	RCK-0007	\$250						

QFES850VA Quote Sheet

The UPS CTO Worksheet											
		UPS CTO Order Code					de		List Price	Discount	Net Price
Base Unit: QFES850VA, 50 Hz Rack	RL										
Input / Output Voltage											
Battery and Battery Charger											
Internal Maintenance Bypass Switch				0					-	_	_
Input Connection											
Output Connection											
Internal Options											
Complete UPS CTO Number	RL			0							
				•		UF	S Subto	otal			
External Maintenance Bypass	Swite	ch									
External Maintenance Bypass Switch S	electe	d:									
Other External Options											
IBM AS/400 (iSeries) Interface Kit							IPK-00	01			
- UPS without maintenance bypass sw	/itch						11 17 00				
IBM AS/400 (iSeries) Interface Kit – UPS with maintenance bypass switch							BAA-03	325			
BestLink SNMP/WEB Adapter							IPK-03	19			
Hand-held Remote Control Panel with C	Cable						RCK-00	007			
							Sub To	otal			
										Freight	
										Insurance	
Tax/Duty											
Quote Total											
Special Instructions:											