FERRUPS CTO Configuration Guide

FERRUPS QFES850VA 50 HZ Rackmount

POWERWARE®
UNINTERRUPTIBLE POWER SYSTEMS

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

[1]External 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**
	Hardwired	A	$ 0
	6-15P[1]	E	$60
220, 230, 0r 240 volt	UK	N	$15
	Australian	P	$15
	Schuko	Q	$15

[1] UPS not TUV/CE listed

All Prices F.O.B. Necedah, Wisconsin U.S.A. in U.S. dollars.
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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 Voltage Required	Output Connection	CTO Order Code		Option Price per Panel
		Type	Qty	
220, 230, or 240 volt	Hardwired [1]	A	___	$0
	6-15R Duplex[2]	D	___	$75
	6-20R Duplex[2]	E	___	$75
	L6-15R Duplex[2]	J	___	$75
	L6-20R[2]	K	___	$75
	L6-30R[2]	L	___	$75
	UK	O	___	$70
	Australian	P	___	$70
	Schuko	R	___	$70
	French Schuko	T	___	$70
Receptacle Output Connection CTO Order Code		_ _ _ _ A 0 A 0		
Hardwire Output Connection CTO Order Code		A 0 A 0 A 0 A 0		

[1] Hardwired output requires hardwired input
[2] UPS not TUV Listed

Internal Options (Digit 15)

Option	CTO Order Code	Option Price
No other option	A	$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 Price
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

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QFES850VA Quote Sheet

The UPS CTO Worksheet

		UPS CTO Order Code					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						
					UPS Subtotal				

External Maintenance Bypass Switch

External Maintenance Bypass Switch Selected:			

Other External Options

		List Price	Discount	Net Price
IBM AS/400 (iSeries) Interface Kit – UPS without maintenance bypass switch	IPK-0001			
IBM AS/400 (iSeries) Interface Kit – UPS with maintenance bypass switch	BAA-0325			
BestLink SNMP/WEB Adapter	IPK-0319			
Hand-held Remote Control Panel with Cable	RCK-0007			
	Sub Total			
	Freight			
	Insurance			
	Tax/Duty			
	Quote Total			

Special Instructions:

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