

FERRUPS CTO Configuration Guide



FERRUPS QFES1.4kVA 50 HZ Rackmount

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POWERWARE®
UNINTERRUPTIBLE POWER SYSTEMS

QFES1.4kVA 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: RN000NO1A0A0A0A. See page 1.4k-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
QFES1.4kVA, 50 Hz Rackmount	RN	\$2483

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
14 minute internal (36 m half load)	standard	0	\$216
Set up for internal (less batteries)	standard	3	\$108

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 1.4k-3.

Input Connection (Digit 6)

Input Voltage Selected	Input Connection	CTO Order Code	Option Price
220, 230, or 240 volt	Hardwired	A	\$ 0
	6-15P ¹	E	\$60
	UK	N	\$15
	Australian	P	\$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 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

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 Switches¹ (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

QFES1.4kVA Quote Sheet

The UPS CTO Worksheet										
	UPS CTO Order Code							List Price	Discount	Net Price
Base Unit: QFES1.4kVA, 50 Hz Rack	RN									
Input / Output Voltage										
Battery and Battery Charger										
Internal Maintenance Bypass Switch				0				—	—	—
Input Connection										
Output Connection										
Internal Options										
Complete UPS CTO Number	RN			0						
UPS Subtotal										
External Maintenance Bypass Switch										
External Maintenance Bypass Switch Selected:										
Other External Options										
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:										