

Eaton Ferrups FX 60Hz tower configuration guide

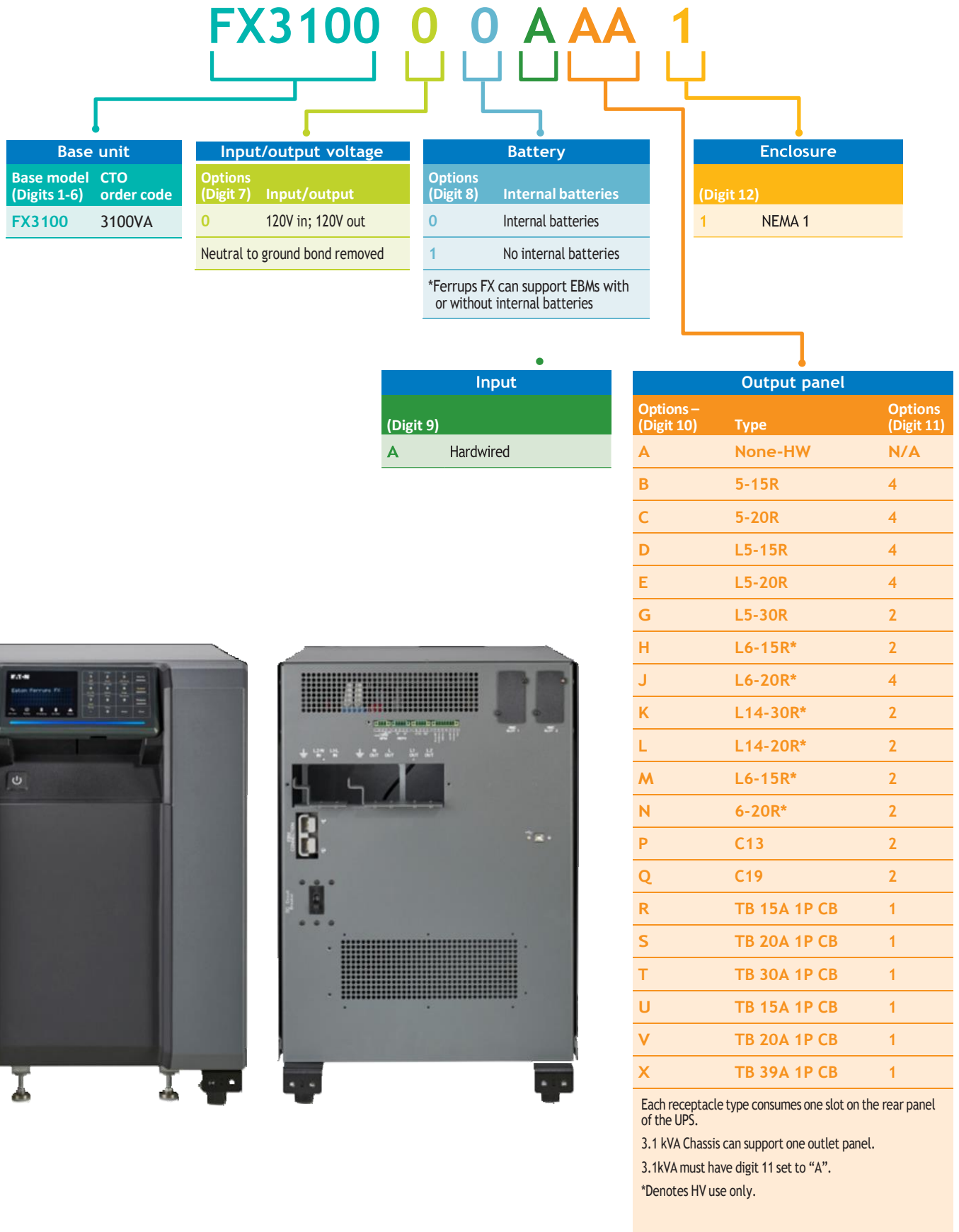


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FX series 60Hz tower series quick reference

Note: Not all options are available on each base unit. Option restrictions exist. Please consult information in this guide for further detail.



Ferrups FX3 100 3.1kVA 60Hz tower general specifications

Capacity:	3.1 kVA / 2.2 kW
Input voltage:	120V
Output voltage:	120V
Dimensions (HxWxD):	23.22" x 15.35" x 26.37" (90mm x 390mm x 670mm)
Weight (with batteries ¹):	280lb / 127kg
Weight (without batteries):	170lb / 77kg



Base unit		Digits 1-6	
Base model, frequency, cabinet style		CTO order code	Base price
FX3100 3.1kVA, 60 Hz tower		FX3100	

Base unit			Digit 7
Input voltage	Output voltage	CTO order code	Base price
120	120	0	\$0

Battery and battery charger			Digit 8
Battery configuration	Battery charger	CTO order code	Option price
Internal battery 14m/35m full/half load runtime	Standard	0	
Setup for no internal batteries ¹	Standard	1	

1. Includes external battery connector. Order desired external battery pack as a separate line.

Input selection		Digit 9	
Power input selection		CTO order code	Option price
Hardwired		A	\$0

All prices F.O.B. Raleigh, North Carolina U.S.A. in U.S. dollars.
Product and pricing subject to change without notice.

Output connection

Digits 10-11

Designated by digits 10 and 11 within the unit CTO number. These two digits allow selection of the type and quantity for up to two different types of receptacle panels.

- FX3100 Chassis supports 1 outlet panel (Digit 10).
- FX3100 Chassis must have Digit 11 set to (A).
- Verify outlet type matches with voltage of UPS. Do not use HV outlets with LV UPS and vice-versa.

Outlet	Quantity per panel	CTO digit	List price
Hardwired / not available	N/A	A	\$0
5-15R	4	B	
5-20R	4	C	
L5-15R	4	D	
L5-20R	4	E	
L5-30R	2	G	
6-15R (HV only)	2	H	
L6-20R (HV only)	4	I	
L6-30R (HV only)	2	J	
L14-30R (HV only)	2	K	
L14-20R (HV only)	2	L	
L6-15R (HV only)	2	M	
6-20R (HV only)	2	N	
C13	2	P	
C19	2	Q	
TB w/15A 1P CB	1	R	
TB w/20A 1P CB	1	S	
TB w/30A 1P CB	1	T	
TB w/15A 2P CB	1	U	
TB w/20A 2P CB	1	V	

Chassis rating

Digit 12

Chassis type	Description	CTO order code	Option price
NEMA 1	Standard Ferrups FX enclosure	1	

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External options

External options

External battery packs, 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. More options are listed in the additional external options section of this guide.

External battery packs

Runtime full/half	Ampere hour rating/DC voltage	Order number	List price
189m/405m	70Ah/2 Strings/48V	FXEBM01	
282m/601m	70Ah/3 Strings/48V	FXEBM03	
359m/780m	100Ah/3 Strings/48V	FXEBM04	
562m/1186m	140Ah/3 Strings/48V	FXEBM05	
565m/1209m	140Ah/3 Strings/48V	FXEBM06	

*Ferrups FX 3.1kVA are all 48Vdc.

**EBM runtimes are measured with UPS internal batteries included.

***It is possible to parallel EBMs. Please contact InsideSalesEngineerUPS@eaton.com for precautions and support.

****Only EBMs with that same DC voltage and number of strings can be paralleled.

External maintenance bypass switches¹

(Recommended for hardwired units)

Ferrups FX model	Switch type	Order number	List price
FX3100	Make before break	BPEFXMBB02	
	Break before make	BPEFXBBM02	

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

Anchor kits

FX model	Description	Part number	List price
FX3100	FX3100 Floor anchor kit	P-103004063	

Connectivity

Option	List price
NETWORK-M2	
RELAY-MS	
INDRELAY-MS	
INDGW-M2	