Product brochure

Eaton Ferrups FX UPS 3.1 kVA

Rugged, reliable, connected UPS designed for industrial power infrastructures

Combining the reliability of the legacy FERRUPS with options for customization and a remote-control display with a high visibility status LED bar, the Eaton Ferrups FX UPS provides connected power protection that's IIoT-ready. To protect your industrial power infrastructure, the Ferrups FX UPS is deigned to support extreme runtime applications that can be utilized in harsh power environments and applications. These include oil, natural gas, military deployments, 911 centers, water quality, machinery automation and healthcare.

Powering Business Worldwide

Flexibility

- Option to custom-build the Ferrups FX to meet your industrial needs
- User-replaceable receptacle panels allow you to make updates yourself as applications change (technician not required)
- Magnetized Remote Control Display (RCD) that can be detached from the UPS for increased user flexibility

Reliability

- LED status bar provides quick and clear visual diagnostics in all environments
- Transformer based design ensured compatibility with most Industrial loads and applications

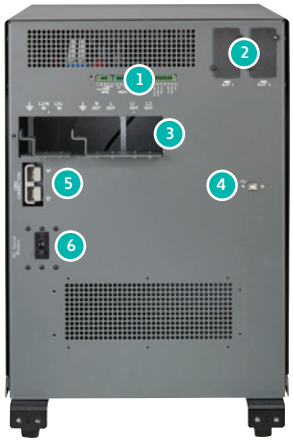
Stay connected

- Industrial Gateway and Gigabit Network Cards provide cybersecurity protection and power quality connectivity
- Remote monitoring with PredictPulse keeps you connected with status updates, allowing you to predict power component failure with cloud-based analytics

Ferrups FX UPS front panel

1. Alpha numeric backlit display
2. Remote control display with rigid feedback buttons
3. UPS status icons
4. Tri-color LED status bar
5. Power button

Ferrups FX UPS back panel



1. BPM/REPO/ROO/alarm contacts
2. Network card slots
3. I/O wiring
4. UPB port
5. EBM connection
6. DC disconnect

FERRUPS FX UPS SPECIFICATIONS

Catalog number	Rating (VA/watts)	Input connection	Output receptacles	Dimensions (H x W x D), in	Net weight, lb	Internal runtime (min) Full / half load
FX310000AAA1	3.1 kVA / 2.2 kW	Hardwired	Hardwired	23.2 x 15.4 x 26.4	280	24 / 55

Optional extended battery module (EBM)

Catalog number	Description	Rating	Strings	Internal runtime (min) Full / half load
FXEBM01	Ferrups FX 48VDC EBM	70Ah	2	189 / 405
FXEBM03	Ferrups FX 48VDC EBM	70Ah	3	282 / 601
FXEBM04	Ferrups FX 48VDC EBM	100Ah	3	359 / 780
FXEBM05	Ferrups FX 48VDC EBM	140Ah	3	562 / 1186
FEXEM06	Ferrups FX 48VDC EBM	140Ah	3	565 / 1209

Options

Connectivity	Catalog number	Slot type
Gigabit network card	NETWORK-M2	Mini slot
Industrial relay card	INDRELAY-MS	Mini slot
Relay card	RELAY-MS	Mini slot
Industrial gateway card	INDGW-M2	Mini slot

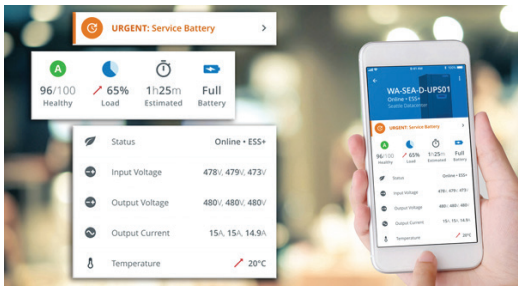
Bypass	Catalog number
MBB	BPEFXMBB02
BBM	BPEFMBBM02

What's in the box

- RCD and cable
- User manual
- Pallet ramp
- Serial cable
- CAT5 extender junction box

PredictPulse remote monitoring

The power of predictability allows you to predict power component failure with cloud-based analytics.



Learn more at: Eaton.com/FerrupsFX

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