

FLEXware 500



For applications with medium power requirements such as homes, light commercial or larger back-up power systems. The FLEXware 500 system architecture is capable of supporting up to two OutBack FX Series Inverter/Chargers, up to two MX60 Charge Controllers and all the associated AC and DC components. Thanks to a very compact design, FLEXware 500 AC and DC enclosures mount with a FLEXware MP in either a horizontal or vertical orientation to allow installation in more space limited locations for a fast and professional looking wall-mounted installation. The FLEXware 500 accommodates all of the essential protective devices in two enclosures.

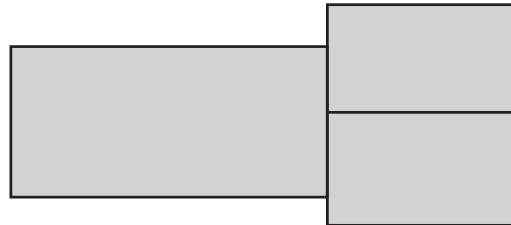
Breaker Configuration Diagram

AC Side



Holds up to sixteen DIN mount AC breakers (not included). Support for optional AC Input-Output-Bypass Assembly. AC breakers are rated from 10-16 Amps of AC current.

DC Side



Holds up to eight small 0.75" (19 mm) wide, three medium 1" (26 mm) wide or two large 1.5" (32 mm) wide DC rated breakers. The small are rated for 1-80 Amps, medium for 100 or 125 Amps and the large are rated for 175 or 250 Amps of DC current.

Knockout Location Diagram

Back

- (2) 2" knockout (2.468" diameter)

Left

- (5) 1" knockout (1.359" diameter)
- (2) 2" knockout (2.468" diameter)
- (2) Duplex GFCI Outlet knockout

Right

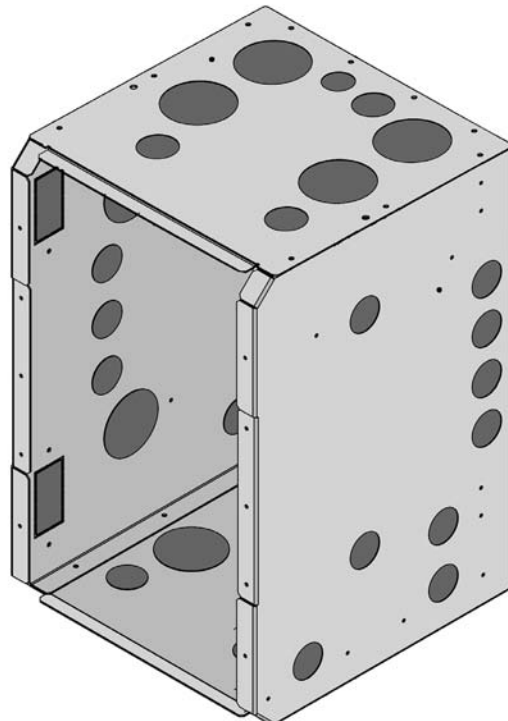
- (9) 1" knockout (1.357" diameter)

Top

- (3) 1" knockout (1.359" diameter)
- (1) 3/4" knockout (1.093" diameter)
- (4) 2" knockout (2.468" diameter)

Bottom

- (3) 1" knockout (1.359" diameter)
- (1) 3/4" knockout (1.093" diameter)
- (4) 2" knockout (2.468" diameter)



FLEXware 500

Model: FW500-DC

Description: DC enclosure which mounts at the DC side of one or two FX Series Inverter/Chargers. Supports six terminal bus bars (not including GBB) and three shunt assemblies.

Includes: Ground bus bar, 500 Amp DC shunt assembly, positive bus, breaker mounting hardware, FW-BBUS and enclosure mounting hardware

Unit Dimensions (H x W x D)	Shipping Dimensions (H x W x L)	Shipping Weight	Enclosure Type
18.2 x 11.4 x 12.1" (46.2 x 29 x 30.7 cm)	14.5 x 13.4 x 20.3" (36.8 x 34.1 x 51.6 cm)	15 lbs. (6.8 kg)	Type-1 indoor (IP30)

Model: FW500-AC

Description: AC enclosure which mounts at the AC side of one or two FX Series Inverter/Chargers. Supports six terminal bus bars and one FW-X240.

Includes: Ground bus bar, DIN mounting bracket, communication cable conduit and enclosure mounting hardware

Unit Dimensions (H x W x D)	Shipping Dimensions (H x W x L)	Shipping Weight	Enclosure Type
18.2 x 11.4 x 12.1" (46.2 x 29 x 30.7 cm)	14.5 x 13.4 x 20.3" (36.8 x 34.1 x 51.6 cm)	15 lbs. (6.8 kg)	Type-1 indoor (IP30)

- The FW500 system utilizes one FW-MP mounting plate and a set of the DCA and ACA conduit adapters for each inverter/charger.
- DC and AC breakers, Input-Output-Bypass Assemblies and all other additional components sold separately.

FLEXware 500 AC Input-Output-Bypass Assemblies

Field installable kit for bypassing the AC input to the AC output for inverter maintenance or installation. Also provides over-current protection.

Model: FW-IOB-D-120/240VAC

Includes: Six 60A 120VAC single pole DIN mount breakers, sliding bypass interlock plate, wire and hardware kit

System Rating	Bypass Breaker	Input Breaker	Output Breaker
Split Phase 120/240 VAC 60 Amps 14.4 kW	Two Poles @ 60 Amps 14.4 kW	Two Poles @ 60 Amps 14.4 kW	Two Poles @ 60 Amps 14.4 kW

Model: FW-IOB-D-120VAC

Includes: Six 60A 120VAC single pole DIN mount breakers, sliding bypass interlock plate, wire and hardware kit

System Rating	Bypass Breaker	Input Breaker	Output Breaker
Single Phase 120 VAC 120 Amps 14.4 kW	Two Poles @ 60 Amps 14.4 kW	Two Poles @ 60 Amps 14.4 kW	Two Poles @ 60 Amps 14.4 kW

Model: FW-IOB-D-230VAC

Includes: Six 30A 230VAC single pole DIN mount breakers, sliding bypass interlock plate, wire and hardware kit

System Rating	Bypass Breaker	Input Breaker	Output Breaker
Single Phase 230 VAC 60 Amps 13.8 kW	Two Poles @ 30 Amps 13.8 kW	Two Poles @ 30 Amps 13.8 kW	Two Poles @ 30 Amps 13.8 kW