

Freedom Power™ Systems - Fuel Storage

Altery's fuel storage cabinets provide long runtime to support critical operations

The Freedom Power™ Fuel Storage Cabinets accommodate a wide variety of types and sizes of fuel cylinders and runtime needs.

These fuel storage solutions are constructed from formed and welded aluminum with a power coated finish for long lasting appearance and all weather operations. Cabinets include full width, swing open, hinged doors, pressure regulator and supply hoses. A fill-in-place capability is optional.

Cabinets are configured to accommodate either steel cylinders or composite cylinders.

Altery's advanced Ultra High Pressure (UHP) composite fuel tank solution provides more fuel storage capacity in the same space, and offer a significant weight reduction when compared to standard steel cylinders, and has the added capability of being refilled on-site.

Their compact footprint and light weight make composite tanks ideal for small spaces or rooftop applications.



8-Bay Steel Cylinders
Fuel Storage Module
(Model # 330)



2-Bay Composite Tanks
Fuel Storage Module
(Model # 320)



12-Bay Steel Cylinders
Fuel Storage Module
(Model # 310)



4-Bay Composite Tanks
Fuel Storage Module
(Model # 300)

Product Information

Alteryg Freedom Power™ System - Fuel Storage Cabinet Specifications

Model No.	Description	Cylinders	Dimensions	Weight without Cylinders	Weight with Cylinders
300	Enclosure, Freedom Power™ Systems, Fuel Storage - Composite	4	32" x 41" x 72"	309 lbs.	1,145 lbs.
305	Enclosure, Freedom Power™ Systems, Fuel Storage - Composite	3	32" x 41" x 72"	309 lbs.	936 lbs.
310	Enclosure, Freedom Power™ Systems, Fuel Storage - Steel	12	32" x 41" x 72"	309 lbs.	1,917 lbs.
320	Enclosure, Freedom Power™ Systems, Fuel Storage - Composite	2	24" x 41" x 72"	205 lbs.	668 lbs.
325	Enclosure, Freedom Power™ Systems, Fuel Storage - Composite	1	24" x 41" x 72"	205 lbs.	414 lbs.
330	Enclosure, Freedom Power™ Systems, Fuel Storage - Steel	8	24" x 41" x 72"	205 lbs.	1,277 lbs.
340	Enclosure, Freedom Power™ Systems, Fuel Storage - Steel	16	48" x 48" x 72"	1,200 lbs.	5,520 lbs.
360	Enclosure, Freedom Power™ Systems, Fuel Storage - Steel	4	12" x 41" x 72"	116 lbs.	652 lbs.
361	Enclosure, Freedom Power™ Systems, Fuel Storage - Small, Steel	3	30" x 25" x 54"	105 lbs.	507 lbs.
362	Enclosure, Freedom Power™ Systems, Fuel Storage - Plinth	2	30" x 25" x 10"	32 lbs.	288 lbs.
363	Enclosure, Freedom Power™ Systems, Fuel Storage - Backpack	6	30" x 25" x 54"	105 lbs.	909 lbs.

Estimated Runtime Hours @ 5kW load - (Steel Cylinders based on 2,400 PSI) / (Composites based on 3,600 PSI)

kW Output	8 Steel Cylinders Model # 330	12 Steel Cylinders Model # 310	UHP - 1 (1 Tank) Model # 325	UHP - 2 (2 Tanks) Model # 320	UHP - 3 (3 Tanks) Model # 305	UHP - 4 (4 Tanks) Model # 300
5	12.7	19.1	8.0	16.1	24.1	32.2
10	6.4	9.6	4.0	8.0	12.0	16.1
15	4.2	6.4	2.7	5.3	8.0	10.7
20	3.2	4.8	2.0	4.0	6.0	8.0
30	2.1	3.2	1.3	2.6	4.0	5.3

Multiple fuel storage solutions may require additional equipment
 Numerous tank and runtime solutions are available. Consult Alteryg for more information.
 Typical Steel cylinder weight: 110 pounds / 50 kg each
 Typical Composite tank weight: 125 pounds / 57 kg each
 * Minimum order quantity required for composite fuel solutions

Specifications subject to change without notice



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