



Reliability-simplicity

Ultracapacitors offer clean power, without the complications of the typical maintenance associated with batteries, such as often refilling and frequent replacement, unmonitored or complicated state of health algorithms, as well as the lack of confidence in the system's ability to function when needed. Lastly, there is no surprise about the total cost of ownership that is associated with battery based energy storage.

Ioxus ultracapacitors are maintenance free, offer simple installation operation, and confidence! Regardless of your need, MW scale or kW scale, Ioxus has a solution for your power conditioning needs. Nothing complicated to figure out, simple to install in standard racks, no shelves to order, no bus bars to design. Just connect the simple 2 channel digital monitoring circuits if you wish (monitoring can be infinitely paralleled if desired) and charge with any voltage regulated power supply and you are on your way to 15* years or more of reliable back up power.

- 3U rack height (19")
- 2 modules per unit
- Maintenance free
- Lowest total cost of ownership in the power conditioning market
- UL 810a, RoHS, CE
- Complete package (hardware, bus bars) ready to install in standard rack
- Comes in a variety of configurations to meet
- your needs
- 16V, 32V, 48V, 64V, 80V, 96V

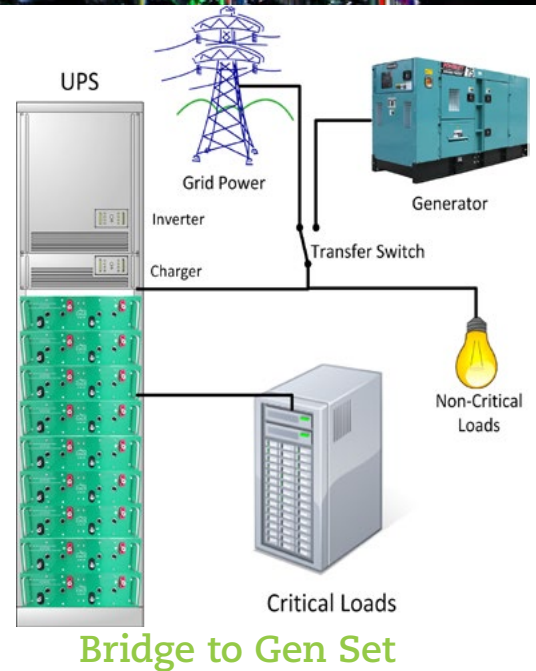
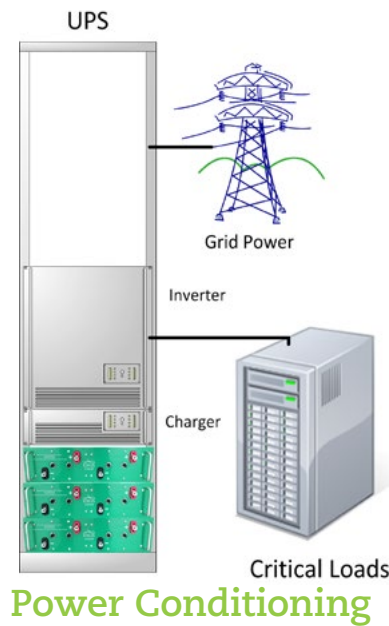
Contact your Ioxus consultant for help in sizing for your particular application



Applications:

- Aseptic food processes
- Silicon production
- Data centers
- Telecom
- Hospitals
- Other power critical

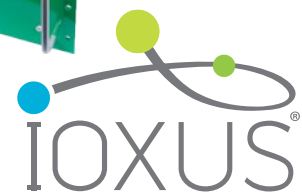
3U Rack Mount Pairs Sizing		Series Modules to 580V
Rack Depth	mm	
16V(32V)	75	36
32V(64V)	318	18
48V(96V)	462	12
64V(128V)	606	9
80V(160V)	750	8
96V(192V)	894	6



Operating Voltage Range 580V to 380V

Power Required	Power Required	1X (9U)*	2X (18U)*	3X (27U)*	4X (36U)*	5X (45U)*
kVA	kW	Seconds of Operation (+/- 0.5s)				
100	80	17	34	51	68	85
150	120	11	23	34	45	57
200	160	8.5	17	25	34	42
250	200	6.8	14	20	27	34
300	240	5.7	11	17	23	28
500	400	3.4	6.8	10	14	17
600	480	2.8	5.7	8	11	14
750	590	2.3	4.6	6.9	9.2	12
1000	790		3.4	5.2	6.9	9

*Rack Sizing Based on 96V modules, all module sizes can



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