



Built-in battery chargers

Battery extension cabinets for TSi UPS

EXt model

8000

120vac input
24vdc output

Battery Extension Cabinet for UPS-10000/16000/21000

The modular TSi Power Battery Extension Unit is designed to provide extended back-up for use with TSi's UPS-10000, 16000 and 21000 systems.

Typical applications

Sometimes power goes out for hours and a standard five or ten minute reserve just won't do. Longer hold-up times may be needed for users that upload/download large files on the Internet, or the following applications: extensive accounting or engineering programs, point-of-sale systems, control systems, portable medical systems, inventory control systems, as well as telecom systems that need to be up all the time.

Key benefits

EXt-8000 units can be daisy-chained to provide hold-up times of eight hours or more depending on the number of EXt-8000 units and the load it powers. EXt-8000 can be rack-mounted and several different mounting kits are available. EXt-8000 can also be mounted on a movable cart together with a TSi UPS to provide long-term back-up while moving equipment from location to location.

How the EXt-8000 works

Each EXt-8000 contains its own battery charger, which keeps typical recharge time to 6 hours or less. This feature is extremely important as extension modules containing only batteries have to be recharged from the UPS's internal charger – recharge can take several days for large batteries, which may result in back-up not being available when needed the most.



Key features of the EXt-8000

- 120 vac input
- Two or more units can be daisy-chained for back-up of 8 hours or more
- Rack-mountable profile
- Rack-mounting kits
- Internal battery charger provides recharge in less than 6 hours
- 48 vdc bus voltage
- Low cost
- Two year limited warranty



A TSi UPS-16000 and EXt-8000 Battery extension unit shown mounted inside a 19" wide cabinet using MK-8019A and MK-8019B Front and Rear rack-mount kits



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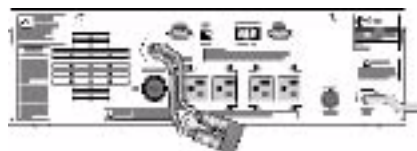
Battery extension cabinet

Specification	EXt-8000 (for 120vac UPS-10000/16000/21000)
AC Input	
Input	100 to 133V _{RMS} ac, 60Hz
Input cord and plug	6 feet (1.8 m) three-conductor 14 AWG SJT cord with NEMA 5-15P plug
Battery charger/output	
Back-up time	Supplies an additional 35 to 45 minutes backup time, depending on load.
Battery charger	54vdc, 3A
Battery recharge time	4 to 6 hours typical recharge time(48vdc, 14 Ah)
Battery bus voltage	48vdc
Battery connectors	Anderson PP 50 male/female low-voltage connectors
Power consumption	150 watts during charging
Physical	
Size	432mm(17")wide x 533mm(21")deep x 127 mm(5")high
Weight	32 kg (70 lbs)
Environment	
Ambient temperature	0° to 40°C(32° to 104 °F). 10 to 90% Relative humidity(non-condensing).
Warranty	
Warranty	Two year limited warranty, parts and labor. One year battery warranty.
Rack-mount options	
Rack mount kits	Please call factory for assistance on rack-mount options.
UPS compatibility	
Designed for use with:	120vac UPS-10000, UPS-16000 and UPS-21000

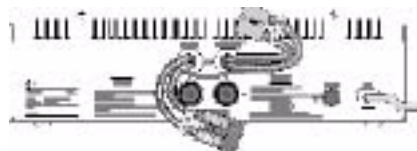
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Front view of EXt-8000



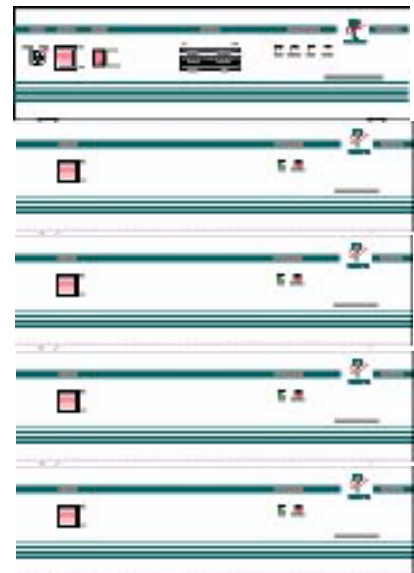
Rear view of UPS-10000



Rear view of EXt-8000 middle unit



Rear view of EXt-8000 end unit



UPS-10000 with four EXt-8000



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