



Versatile backup power solutions that virtually eliminate downtime

30EC Battery Cabinet

The 30EC is an outdoor battery cabinet that provides additional battery capacity to an existing power backup system. This battery cabinet is the perfect solution to extend backup capacity for outdoor wireline and wireless applications.

The 30EC cabinet supports two battery strings, and with the optional expansion cabinet can be easily expanded in the field to double the capacity to four strings.

The enhanced heating and cooling system keeps batteries at their optimal temperature for better performance and extended battery life. The flexible modular cabinet supports either -48 Vdc or +24 Vdc systems and includes redundant cooling fans for enhanced reliability.

Reduce Operating Expenses (OPEX).

Dual variable speed fans reduce power consumption, noise and virtually eliminate downtime due to thermal overload. The dual fans provide redundancy, eliminating expedited service charges. A fan failure is a minor event, avoiding costly dispatches of emergency repair crews.

Less Maintenance. Advanced heating and cooling system maintains batteries at their optimal temperature for better performance and extended battery life.

Flexible Design. Supports a wide range of batteries from multiple suppliers. Each battery shelf has its own circuit breaker offering better protection and isolation.

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Reduce Capital Expenditures (CAPEX). The modular design allows operators to purchase based upon today's requirements allowing room for future growth. The optional expansion cabinet can be easily installed in the field as additional battery capacity is required.

Energy Efficient. Cabinet utilizes variable speed fans that minimize noise and reduce power consumption.

Better Protection. Tough environmental design standards minimize equipment losses during catastrophes. The cabinet uses a weather hardened enclosure to protect the batteries and other equipment inside of the cabinet.

Standards Compliant. Fully compliant to environmental and reliability requirements—GR-487 (Zone 4 Seismic, Wind Driven Rain, Vibration, Drop, Salt Fog, Thermal, and UL50).

Cabinet Type:	30EC	30EC with expansion cabinet
Height, in.....	33	66
Width, in.....	32	32
Depth, in.....	32.5	32.5
Battery Strings.....	2	4
Weight (without batteries), lb.....	200	360
Weight with Saft NCX-125 batteries, lb.....	840	1640
Cooling Method.....	fans	fans
Operating Temperature.....	-40° C to +46° C	-40° C to +46° C

Batteries Supported

Manufacturer	Order Number	Manufacturer	Order Number	
C&D	FA12-125	GNB	M12V155FT	
	FAM12-150	GS	PWL12V125F5	
	TEL12-150F		PYL12V150FT	
	TEL12-170F		NorthStar	NSB 170 FT
Deka	12AVR-150ET	Power Battery	CSL-12150	
	12AVR-160/145		CSL-12100/12160	
EnerSys	SBS145F	Saft	NCX-125 217744	
	SBS190F		Tel	12-150F
	C11		Tyco	12IR125
FAM	12-150			
Fiamm	12FAT145			
	12FAT155			



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