

Rev. 08062024

EBC48

External Battery Charger (48VDC)

Altronix EBC48 external battery charger provides faster charging of back-up batteries for Altronix NetWay Spectrum models. Working with POE240 or POE360 power supply(ies), it allows to recharge 40AH or larger batteries in under 8 hours.



EBC48

Input VoltageSupervisionVoltage56VDC from POE240 or POE360Battery Charging TypeSealed lead acid or gel type Charging four (4) 12V batteries in seriesCurrent2A or 4A selectable operation FailoverFailoverUpon AC loss, instantaneous Batteries are sold separatelyIndicators (LED) GreenFeed from power supply RedFeed from batteryFeed from batteryPhysical and Environmental Dimensions (L x W x H)Board:5.5" x 3" x 1" (139.7mm x 76.2mm x 25.4mm)) Shipping:Shipping:10" x 8" x 4" (254mm x 203.2mm x 101.6mm)Weight (approx.) Product Weight:0.65 lb. (0.29 kg) Shipping Weight:CurrentFeed from batteryBoard:- 20°C to 49°C (32°F to 120°F) Operating:Storzaro:- 20°C to 49°C (32°F to 120°F) Operating:Storzaro:- 20°C to 49°C (32°F to 120°F) Operating:	┌ Specifications				
Battery ChargingTypeSealed lead acid or gel typeCharging four (4) 12V batteries in seriesCurrent2A or 4A selectable operationFailoverUpon AC loss, instantaneousBoard:5.5" x 3" x 1" (139.7mm x 76.2mm x 25.4mm))Batteries are sold separatelyBoard:5.5" x 3" x 4" (254mm x 203.2mm x 101.6mm)Indicators (LED)Product Weight:0.65 lb. (0.29 kg)GreenFeed from power supplyProduct Weight:0.85 lb. (0.38 kg)RedFeed from batteryTemperatureOperating:- 20°C to 49°C (32°F to 120°F)	Input		Supervision		
Battery ChargingTypeSealed lead acid or gel typeCharging four (4) 12V batteries in seriesCurrent2A or 4A selectable operationFailoverUpon AC loss, instantaneousBatteries are sold separatelyIndicators (LED)GreenFeed from power supplyRedFeed from batteryPredFeed from batteryCharging four (4) 12V batteries in seriesCurrent2A or 4A selectable operationFailoverUpon AC loss, instantaneousBatteries are sold separatelyBatteries are sold separatelyCurrent0.65 lb. (0.29 kg)Shipping Weight:0.65 lb. (0.29 kg)Shipping Weight:0.85 lb. (0.38 kg)CurrentFeed from batteryCurrent0perating:Current- 20°C to 49°C (32°F to 120°F)Current- 20°C to 49°C (32°F to 120°F)Current- 20°C to 49°C (32°F to 120°F)	Voltage	56VDC from POE240 or POE360	AC Failure	Form "C" contacts	
Charging four (4) 12V batteries in seriesDimensions (L x W x H)Current2A or 4A selectable operationFailoverUpon AC loss, instantaneousBatteries are sold separatelyBoard: 5.5" x 3" x 1" (139.7mm x 76.2mm x 25.4mm))Indicators (LED)Shipping: 10" x 8" x 4" (254mm x 203.2mm x 101.6mm)GreenFeed from power supplyRedFeed from batteryDimensions (L x W x H)Board:5.5" x 3" x 1" (139.7mm x 76.2mm x 25.4mm))Shipping:10" x 8" x 4" (254mm x 203.2mm x 101.6mm)Weight (approx.)Product Weight:0.65 lb. (0.29 kg)Shipping Weight:0.85 lb. (0.38 kg)TemperatureOperating:- 20°C to 49°C (32°F to 120°F)Other to 150°C to 49°C (32°F to 120°F)	Battery Charging		Low or Missing Battery	Form "C" contacts	
Current2A or 4A selectable operationBoard:5.5" x 3" x 1" (139.7mm x 76.2mm x 25.4mm))FailoverUpon AC loss, instantaneousBoard:5.5" x 3" x 1" (139.7mm x 76.2mm x 25.4mm))Batteries are sold separatelyBoard:5.5" x 3" x 4" (254mm x 203.2mm x 101.6mm)Indicators (LED)0.65 lb. (0.29 kg)GreenFeed from power supplyProduct Weight:0.65 lb. (0.29 kg)RedFeed from batteryTemperatureOperating:- 20°C to 49°C (32°F to 120°F)	Туре	Sealed lead acid or gel type	Physical and Environmental		
FailoverUpon AC loss, instantaneousShipping: 10" x 8" x 4" (254mm x 203.2mm x 101.6mm)Batteries are sold separatelyWeight (approx.)Indicators (LED)0.65 lb. (0.29 kg)GreenFeed from power supplyRedFeed from batteryTemperatureOperating:- 20°C to 49°C (32°F to 120°F)	Charging four (4) 12V batteries in series		Dimensions (L x W x I	Dimensions (L x W x H)	
Batteries are sold separately Weight (approx.) Indicators (LED) Product Weight: 0.65 lb. (0.29 kg) Green Feed from power supply Shipping Weight: 0.85 lb. (0.38 kg) Red Feed from battery Operating: - 20°C to 49°C (32°F to 120°F)	Current	2A or 4A selectable operation	Board: 5.5" x 3" x 1"	' (139.7mm x 76.2mm x 25.4mm))	
Indicators (LED)Product Weight:0.65 lb. (0.29 kg)GreenFeed from power supplyTemperatureRedFeed from batteryOperating:- 20°C to 49°C (32°F to 120°F)	Failover	Upon AC loss, instantaneous	Shipping: 10" x 8" x 4"	(254mm x 203.2mm x 101.6mm)	
Indicators (LED) Shipping Weight: 0.85 lb. (0.38 kg) Green Feed from power supply Temperature Red Feed from battery Operating: - 20°C to 49°C (32°F to 120°F)	Batteries are sold separately				
RedFeed from batteryOperating:- 20°C to 49°C (32°F to 120°F)	Indicators (LED)		0	(0)	
	Green	Feed from power supply	Temperature		
Storage: -20° to 70° (-4° to 158°)	Red	Feed from battery	Operating:		
Blinking Rea Battery trouble Stolage 20 C to 70 C (- 41 to 1301)	Blinking Red	Battery trouble	Storage:	– 20°C to 70°C (– 4°F to 158°F)	
Relative Humidity 85% +/- 5%			Relative Humidity	85% +/- 5%	
BTU/Hr. (approx.) 34.1 BTU/Hr.			BTU/Hr. (approx.)	34.1 BTU/Hr.	

EBC48

External Battery Charger (48VDC)

Dimensions and Drawing -

Board Dimensions (L x W x H approximate)

5.5" x 3" x 1" (139.7mm x 76.2mm x 25.4mm)

Mounting Holes' Tolerance: +/- 0.04 in. (1mm)

