



STATIVOLT®

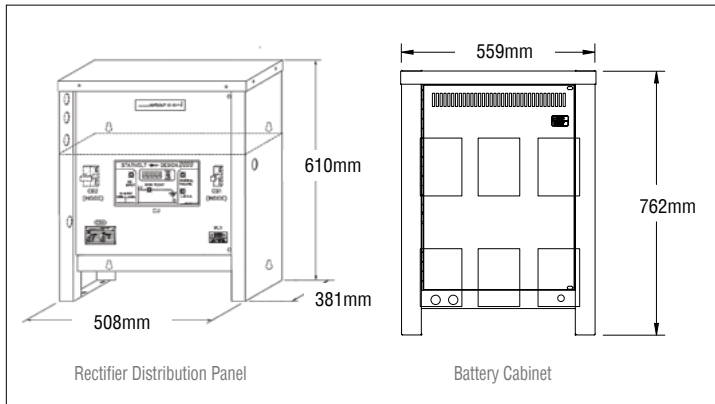
DC UPS System
Distributed by BeLuce

Project Name: _____ Model Number: _____
Prepared By: _____ Date: _____

INSTALLATION

The **STATIVOLT®** unit must be wall mounted and installed in an indoor environment. The cabinet is supplied with four key-hole (3/8" to 5/8") slots for various wall mounting options (NEMA 12, IP21 wall or shelf mount) All units 50 kg and over require the additional support of a customer supplied mounting shelf for safe, secure installation. The mounting shelf must be suitable to handle a weight of 50 kg to 70 kg depending on the unit supplied.

DIMENSIONS



CONSTRUCTION

STATIVOLT® is constructed from a durable 14 gauge steel housing with stamped conduit knockouts provided. Remote lamp loads are connected to the emergency power supply fuse terminals. These terminals allow for a large gauge of wire to be used increasing the flexibility of installation. The **STATIVOLT®** cabinet comes in the standard ASA-61 grey baked finish for durability. The **STATIVOLT®** is designed for quiet convection cooled, efficient performance.

EXTERNAL SPECIFICATIONS

Depending on the model chosen the **STATIVOLT®** DC UPS system is available with 120VAC or 347VAC input power and will provide up to 10 kW of continuous power in the event of a power failure for 30 minutes to support egress lighting. Please consult factory for 60, 90, 120 minutes run times. The **STATIVOLT®** has been designed and tested to work in conjunction with BeLuce fluorescent light fixtures while providing a great solution to meet lower wattage inverter system needs. Utilizing a DC output eliminates the need for special emergency lighting fixtures to reduce overall application costs. On AC mains/power failure, the **STATIVOLT®** DC UPS automatically outputs 24, 36 or 120 VDC emergency power. CSA 22.2 No. 141-15 Performance Certified.

ORDERING GUIDE

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SERIES	INPUT VOLTAGE	OUTPUT VOLTAGE/WATTAGE	BATTERY CHARGER	BATTERY AMPS	EMERGENCY SYSTEM	LOAD RATING (AMPS)	RUN TIME	# OF CIRCUITS	OPTIONS
CT	A (120VAC)	24 (24VDC, 720W)	B	10	EL	30	30 (min)	1 (Indicate 1-12 fuses)	GL (Ground Leakage Alarm)
		N (347VAC)	24 (24VDC, 1440W)	B	20	EL	60		60 (min)
	24 (24VDC)=2,400W	B	30	EL	100	90 (min)	AE (Auto Equalize after outage)		
	36 (36 VDC)=1,080W	B	10	EL	30	120 (min)	LBC (Large Battery Cabinet)		
	36 (36 VDC)=2,160W	B	20	EL	60		NON (normally on higher than 5A)		
	36 (36 VDC)=3,600W	B	30	EL	100				
	120 (120VD-C)=3,600W	B	10	EL	30				
	120 (120VD-C)=7,200W	B	20	EL	60				
	120 (120VD-C)=10,000W	B	30	EL	100				



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MECHANICAL SPECIFICATIONS

The **STATIVOLT®** unit is supplied with a digital meter to monitor battery voltage (V) and charge current (A). Front panel indicator lights include AC ON, battery high float, general failure alarm, and low battery alarm. Charge voltage and low battery settings are accessible from the back of the control unit to prevent tampering.

STATIVOLT® units can handle 24VDC, 36VDC or 120VDC. Emergency lights can be accommodated with loads from 720W to a maximum of 10,000W. The internal battery charging system has a current output of 10A, 20A or 30A depending on battery size for recharge within 8-12 hours.

WEIGHT LOAD CHART

DC System	Approx Weight (kg's)
CT-A-24-B-10-EL-30-30-1	30
CT-A-24-B-20-EL-60-30-1	35
CT-A-24-B-30-EL-100-30-1	40
CT-A-36-B-10-EL-30-30-1	40
CT-A-36-B-20-EL-60-30-1	45
CT-A-36-B-30-EL-100-30-1	50
CT-A-120-B-10-EL-30-30-1	50
CT-A-120-B-20-EL-60-30-1	60
CT-A-120-B-30-EL-100-30-1	70

NORMALLY ON

The **STATIVOLT®** come standard with normally on load capacity. The load will be supplied 24V, 36V or 120V power and switch to DC voltage in the event of a failure. 5 amps of current is supplied standard, for additional current please consult.

CONSTRUCTION DETAILS

DC System	# of Cabinets	# of Batteries
CT-A-24-B-10-EL-30-30-1	1	2
CT-A-24-B-20-EL-60-30-1	1	4
CT-A-24-B-30-EL-100-30-1	1	4
CT-A-36-B-10-EL-30-30-1	1	3
CT-A-36-B-20-EL-60-30-1	1	6
CT-A-36-B-30-EL-100-30-1	1	6
CT-A-120-B-10-EL-30-30-1	2	10
CT-A-120-B-20-EL-60-30-1	2	10
CT-A-120-B-30-EL-100-30-1	2	10

Note: All 120V DC Systems include 2 battery cabinets. 24V and 36V DC Systems include 1 battery cabinets.