

Aurora Single Phase Inverter

Distributed by Beghelli

Job/Location: _____

Contractor: _____ Model Number: _____

Prepared By: _____ Date: _____



Always On™
UPS Systems Inc.

ORDERING INFORMATION

Series	*Voltage	Wattage	Runtime	Options
AUR	J = 120 // 120	M = 3.0kW	S (Standard sealed battery)	R30 (30 minute runtime)
	K = 120 // 120 / 240	N = 5.0kW		R60 (60 minute runtime)
	L = 120 // 277	O = 7.5kW		R90 (90 minute runtime)
	M = 120 // 347	P = 10.0kW		R120 (120 minute runtime)
	N = 208 // 120	Q = 15.0kW		RTS (Remote terminal strip)
	O = 208 // 120 / 240			RCMP (Remote control & monitoring panel)
	P = 208 // 277			SNMP (SNMP adapter)
	Q = 208 // 347			EMBP (External maintenance bypass)
	R = 240 // 120			EWB20 (20 year life type battery)
	S = 240 // 120 / 240			12HR (12 hr. recharge time)
	T = 240 // 277			Output Circuit Breakers - see below
	U = 240 // 347			
	V = 277 // 120			
	W = 277 // 120 / 240			
	X = 277 // 277			
	Y = 277 // 347			
	Z = 347 // 120			
	A = 347 // 120 / 240			
	B = 347 // 277			
	C = 347 // 347			

NOTE: *(IN // OUT) Input, output voltages are 3 phase 4 wire plus ground (wye) configuration. 120V input not available on 7.5kW and larger. Consult factory for other voltage configurations



INVERTERS

INTERNAL SPECIFICATIONS

AURORA series true sine wave emergency lighting inverters are available with many features and benefits from full galvanic isolation, which provides a solution to problems created by induced voltage to cold start function where the inverter can be started utilizing the DC battery power without utility AC supply being activated.

EXTERNAL SPECIFICATIONS

The **AURORA** battery cabinet is designed to include a convenient front panel design with LCD display and status lights that are viewable through the front panel window. The inverter on/off switch is protected from accidental operation by being located behind the locked front door.

TESTING

The **AURORA** system incorporates an automatic testing feature performed monthly. The front panel display provides user notification of current system operation as well as operating parameters and battery charge level. An internal maintenance bypass switch is standard with all **AURORA** single phase inverter units.

INTELLIGENT CHARGER

The **AURORA** will automatically recharge the batteries when the battery voltage level decreases to approximately 2V/Cell. To prevent the over-charging of the battery, the boost charger will stop when batteries achieve a 90% charged level or the ambient temperature reaches 35°C (95°F) at which point the float charging begins.

INTELLIGENT BATTERY TEST

The batteries are tested monthly automatically. When an abnormal condition (low charge rating, or bad battery) is found the user will be informed immediately through alarms on the **AURORA** system.

Many additional features are available on the **AURORA** emergency lighting inverter from RCMP remote control and monitoring panel to additional run times. Please consult the factory or **AURORA** brochure for more product detail.

OUTPUT CIRCUIT BREAKERS

Type	Voltage	Amp Rating	Qty
ON (Normally on)	A = 120	15	1-15
OF (Normally off)			

*NOTE: Supports up to 10 supervised or 15 unsupervised pole positions. Specify type, voltage, amp rating and quantity of breakers from selection above

*NOTE: Please consult factory for 347V breaker