



- NOTES**
- FOR OPTIONAL MOUNTING BRACKETS USE SHIPPING BRACKETS.
 - CENTER OF GRAVITY AND WEIGHT: SEE TABLE
 - THE SYSTEM MUST BE INSTALLED ON A LEVEL FLOOR SURFACE SUITABLE FOR COMPUTER OR ELECTRONIC EQUIPMENT.
 - THE SYSTEM MUST BE INSTALLED IN A TEMPERATURE AND HUMIDITY CONTROLLED INDOOR AREA FREE OF CONDUCTIVE CONTAMINANTS.
 - AMBIENT TEMPERATURE RANGE 0-30degC [32-86degF]; RECOMMENDED OPERATING RANGE: 20-25degC [68-77degF]; MAXIMUM RELATIVE HUMIDITY: 95% NON-CONDENSING.
 - MINIMUM 900mm [36"] FRONT ACCESS AND 900mm [36"] REAR ACCESS NEEDED FOR SERVICING.
 - MINIMUM 200mm [8"] CLEARANCE IN REAR, NOT INCLUDING TERMINAL ACCESS COVER IS NEEDED FOR VENTILATION.
 - MINIMUM 550mm [21.6"] CLEARANCE IN FRONT IS NEEDED FOR DOOR SWING.
 - THE UPS BATTERY CABINET CAN BE INSTALLED IN LINE-UP-AND-MATCH OR STANDALONE CONFIGURATIONS.
 - BOTTOM CABLE ENTRY THROUGH REMOVABLE CONDUIT LANDING PLATE. PLATE SHALL BE CUSTOM MODIFIED TO SUIT CONDUIT SIZES.
 - ALL WIRING IS TO BE IN ACCORDANCE WITH NATIONAL AND LOCAL ELECTRIC CODES.
 - DC OUTPUT TO UPS: POSITIVE, NEGATIVE, GROUND.
DC INPUT FROM OPTIONAL ADDITIONAL BATTERY CABINET: POSITIVE, NEGATIVE, GROUND.
 - FOR USE WITH EXTENDED BATTERY CABINET CAPABLE UPS. TOTAL OF 2 EXTERNAL BATTERY CABINETS MAXIMUM.
 - EACH BATTERY STRING OF 18 BATTERIES = 216V, 2 TRAYS PER STRING.
 - SPECIFICATIONS ARE SUBJECT TO CHANGE.

PRODUCT SPECIFICATIONS

UPS RATING	DC VOLTAGE OUTPUT NOMINAL	BATTERY NAMEPLATE CURRENT (108 CELL, 2.00 V/CELL)	MAX. BATTERY CURRENT AT END OF DISCHARGING (108 CELL, 1.67V/CELL)
KVA	VDC	AMP	AMP
30	216	124	142

WEIGHT AND CENTER OF GRAVITY

	A	B	C	WEIGHT
WITH 2 STRINGS	504 [20.0]	430 [17.0]	228 [9.0]	536kg [1182 lbs]
WITH 3 STRINGS	665 [26.2]	430 [17.0]	224 [8.8]	719kg [1585 lbs]

CUSTOMER WIRING

	ACCEPTED WIRE RANGE	TORQUE RATING Nm [LB-IN]	RECOMMENDED MINIMUM WIRE SIZE FOR 90 deg C COPPER STRANDED WIRE
BATTERY WIRES	14 AWG TO 2/0	13.6 [120]	1/0
GROUND WIRES	14 AWG TO 1/0	5.1 [45]	6AWG

METRIC		EATON CORPORATION, ELECTRICAL		EATON	SIZE D
DESCRIPTION: SITEPLAN, 93E 30EBC	DATE: 26-SEP-2013	UNLESS OTHERWISE SPECIFIED TOLERANCES ON DIMENSIONS ARE: ANGLES: ±1/2° DECIMALS: 0.XX ±0.75 X (FOR X < 3) ±1 HOLES: ±0.13 0.XX ±0.25 X (FOR X > 3) ±2.5 DIMENSIONS ARE IN MILLIMETERS (INCHES) AND AFTER PLATING		SCALE: 1:8	DO NOT SCALE DRAWING OR CHANGE MANUALLY
MODIFIED BY: M. CARNES	DATE: 26-SEP-2013	AUTOCAD GENERATED		PART NAME: P-110000019	REVISION: 002
ECO: ECO-055415	DATE: 26-SEP-2013	EATON CORPORATION, ELECTRICAL		SHEET 1 OF 1	