

SYSTEM SPECIFICATIONS

MODEL: EZS-483060
 SYSTEM RATING: 170 AMPS FOR 15.2 HOURS TO 1.75 VPC.
 RECOMMENDED SYSTEM FLOAT VOLTAGE: 54 MIN. 55.2 MAX.
 SYSTEM CUTOFF VOLTAGE: 42
 FULL LOAD CURRENT: 170 ADC
 FULL LOAD CURRENT PER SERIES CIRCUIT: 14.17 ADC
 OPEN CIRCUIT VOLTAGE: 49.6 - 51.6 VDC

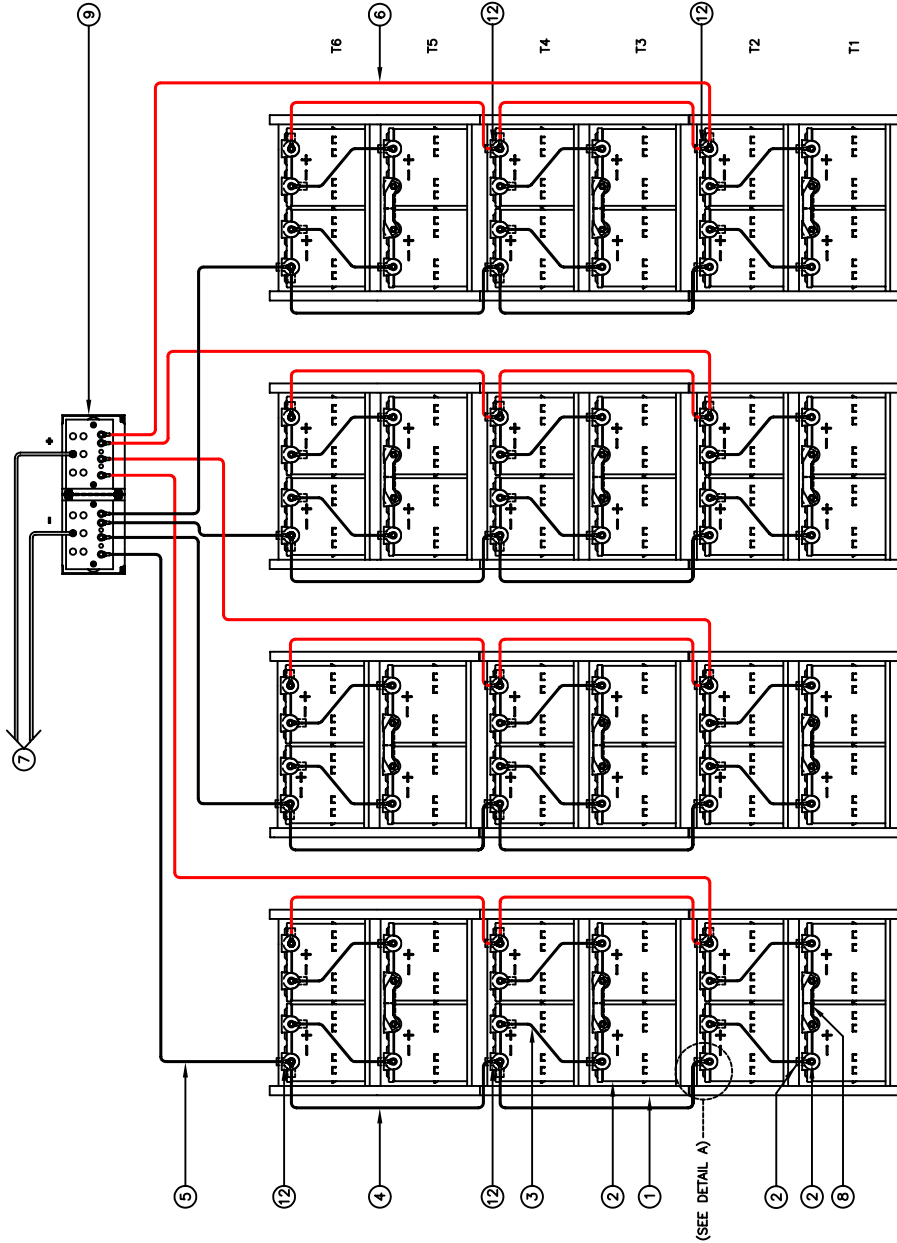
- ① ALL RECOMMENDED CUSTOMER'S CABLE GAUGES ARE BASED ON TABLE 310-16 OF N.E.C. USING 75°C CABLE IN 30°C AMBIENT.
- ② SEE BATTERY LABEL FOR TORQUE VALUES
- ③ USE INSULATED TOOLS FOR CABINET INSTALLATION. DO NOT ALLOW TOOLS OR CABLES TO REST ON BATTERIES.

PARALLEL CONNECTOR:
 WIRE SIZE WILL BE SPECIFIED AS PER GAUGE (MINIMUM) TO BE USED. LENGTHS OF CABLE TO JUNCTION BOX SHOULD BE MADE SO THAT THE TOTAL LENGTH OF CABLES PER STRING IS EQUAL. THIS WILL MINIMIZE VARIATIONS OF RESISTANCE IN EACH STRING. HENCE EQUALLY DISTRIBUTE LOAD CURRENTS.

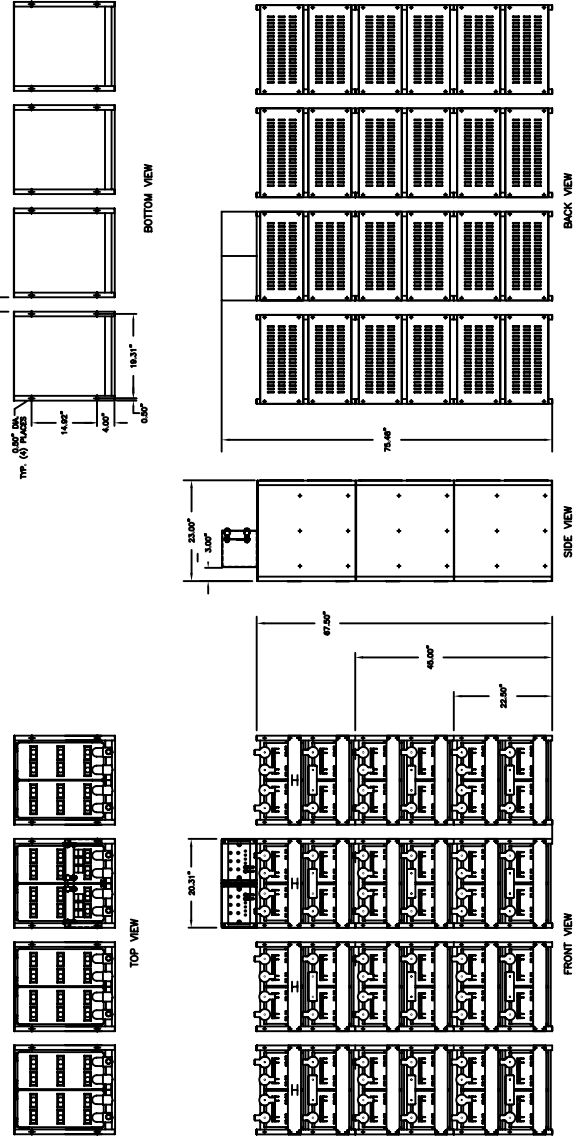
IMPORTANT NOTE

THE CUSTOMER AND/OR CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING THIS EQUIPMENT IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS. WHEN HANDLING, KEEP UPRIGHT WITHIN +/- 15 DEGREES.

NOTE:
 * ALTERNATE METHOD MAY BE USED TO CONNECT TWO SYSTEMS ACCORDING TO CUSTOMERS SPECIFICATIONS.



WIRING DIAGRAM



NOTE: CABLES SIZED TO RESTRICT A VOLTAGE DROP OVER 2%

NO.	DESCRIPTION	QTY.	PART NO.
1	RACK	12	EZS1
2	BATTERY/BOOTS/HARDWARE	24	PSG-12255
3	CABLE DOUBLE RUN 4/0 GA. 15' LG.	48	4/0-15B
4	CABLE DOUBLE RUN 4/0 GA. 25' LG.	48	4/0-25B
5	CABLE DOUBLE RUN 4/0 GA. 30' LG.	48	4/0-30B
6	CABLE DOUBLE RUN 4/0 GA. 30' LG. 2x2	48	4/0-30B2
7	BUS BAR (THICK)	12	CC-3055
8	EZ BUSBAR ASSEMBLY	24	EZ-3017
9	EZ ASSEMBLY HARDWARE KIT	24	HK-0001
10	EZ STACKING HARDWARE KIT	9	HK-0013
11	TERMINAL BOOTS (5552914)	14	AC-0011
12	TERMINAL BOOTS (5552914)	14	AC-0011

NO.	DESCRIPTION	QTY.	PART NO.
1	RACK	12	EZS1
2	BATTERY/BOOTS/HARDWARE	24	PSG-12255
3	CABLE DOUBLE RUN 4/0 GA. 15' LG.	48	4/0-15B
4	CABLE DOUBLE RUN 4/0 GA. 25' LG.	48	4/0-25B
5	CABLE DOUBLE RUN 4/0 GA. 30' LG.	48	4/0-30B
6	CABLE DOUBLE RUN 4/0 GA. 30' LG. 2x2	48	4/0-30B2
7	BUS BAR (THICK)	12	CC-3055
8	EZ BUSBAR ASSEMBLY	24	EZ-3017
9	EZ ASSEMBLY HARDWARE KIT	24	HK-0001
10	EZ STACKING HARDWARE KIT	9	HK-0013
11	TERMINAL BOOTS (5552914)	14	AC-0011
12	TERMINAL BOOTS (5552914)	14	AC-0011

IMPORTANT NOTE
 ALL CONNECTIONS TO BE RETROGROUDED ANNUALLY.
 ALL CONNECTIONS MUST BE CHECKED FOR PROPER TORQUE.
 PRIOR TO START UP OR ENERGIZING OF SYSTEM.