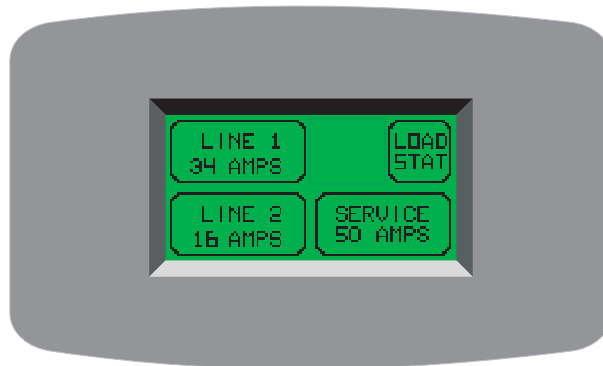
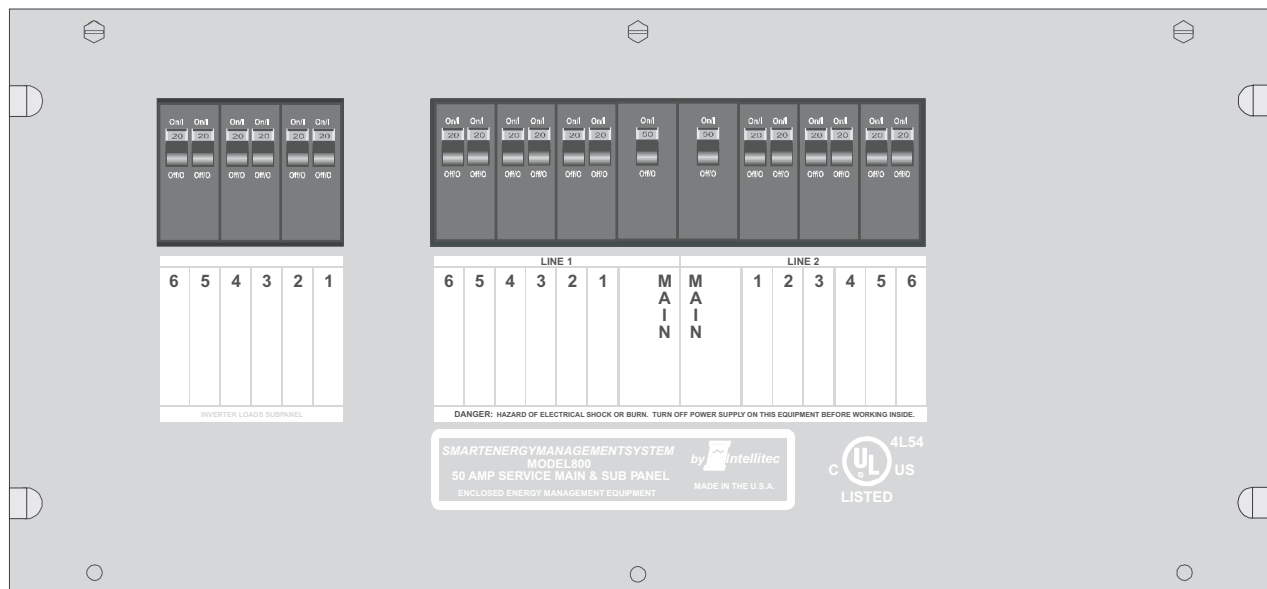


100 AMP Smart Energy Management System™ Model 1300

INSTALLATION & SERVICE MANUAL



100 Amp EMS Display Panel
P/N 00-00949-000



100 Amp EMS Model 1300 Distribution Panel
P/N 00-00997-300

CAUTION

The 100 AMP SMART EMS™ Model 1300 is a centralized power switching, fusing and distribution center. Power from the 120/240 volt power source is fed into the box. The potential of lethal electrical shock is present in this box. Inadvertent shorts at this box could result in damage and/or injury. All servicing of this box should be done **only** by a qualified Service Technician. **Please reference 53-00997-000 service manual for additional information.**

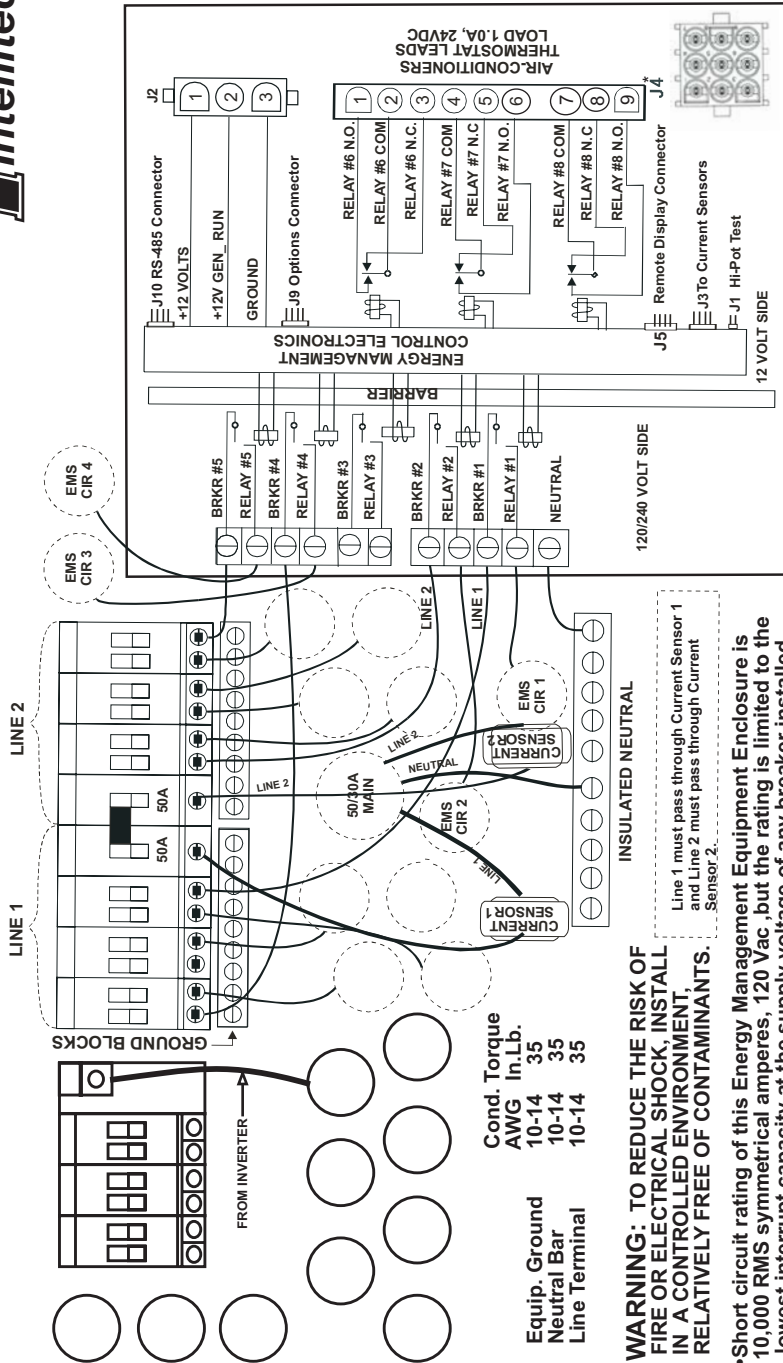
Diagnostic tools required: Low current Test Light, Accurate Voltmeter (*digital readout preferred*)
Clamp-on AC ammeter.

IntellitecProducts, LLC.

131 Eisenhower Lane North
Lombard, IL 60148
630.268.0010 / 1.800.251.2408

100 AMP Smart Energy Management System™ Model 1300

INSTALLATION & SERVICE MANUAL



TYPICAL WIRING DIAGRAM

ENERGY MANAGEMENT SYSTEM MODEL 1300

TYPICAL WIRING DIAGRAM

Equip. Ground	Cond. Torque
Neutral Bar	AWG In.Lb.
Line Terminal	10-14 35
	10-14 35
	10-14 35

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRICAL SHOCK, INSTALL IN A CONTROLLED ENVIRONMENT, RELATIVELY FREE OF CONTAMINANTS.

- Short circuit rating of this Energy Management Equipment Enclosure is 10,000 RMS symmetrical amperes, 120 Vac, but the rating is limited to the lowest interrupt capacity at the supply voltage of any breaker installed.
- The replacement circuit breakers must be of the same type & interrupt rating. See installation instruction 53-00997-300.
- The following breakers are suitable for MAIN and Branch breakers: Eaton Cutler-Hammer: BR, BD, GFCB, Filler Plate BRFP Siemens-DPD: QP, QT, Filler Plate QF3
- Field wiring must be rated at 75°C Min. Use Copper Conductors only.

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