Iron Edison

Battery Combiner Box

IEBCB4150-3R

Technical Specifications and Data Sheet

v1.0 12/2022

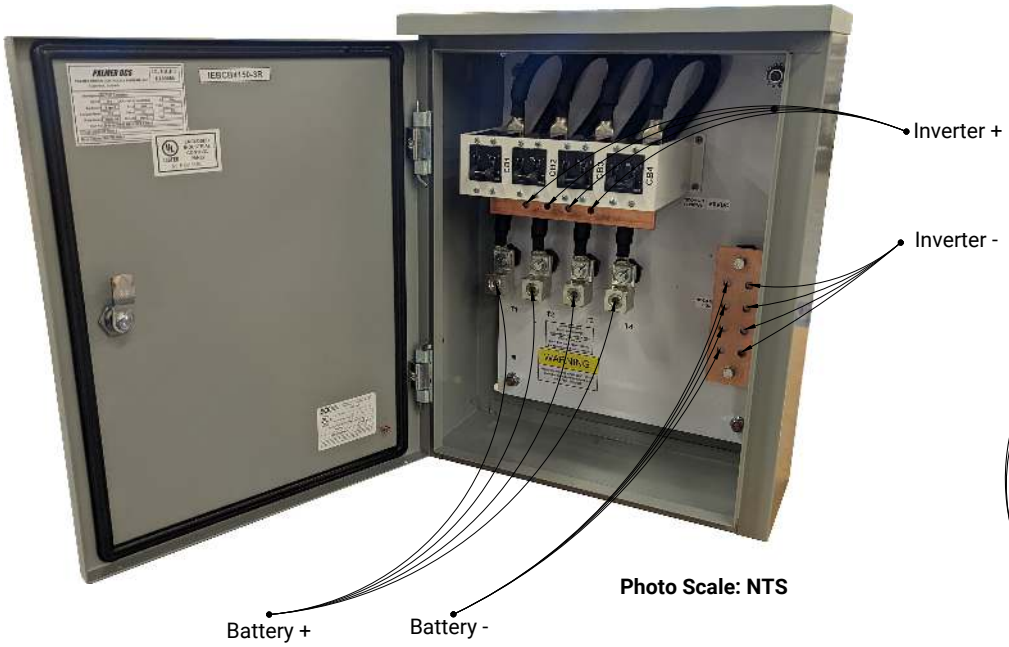
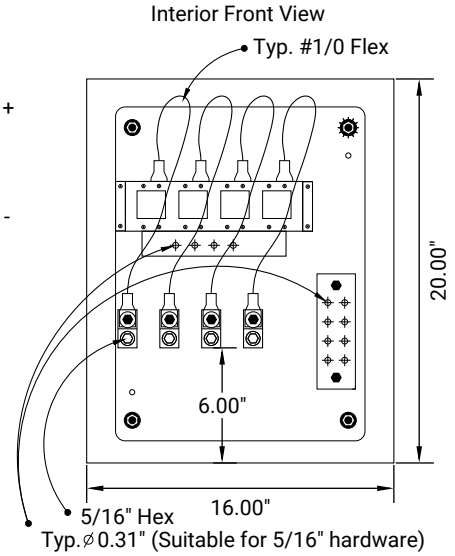
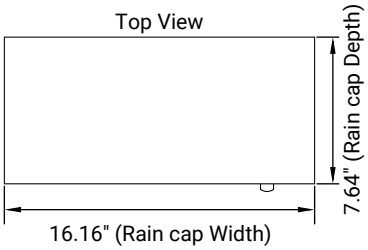
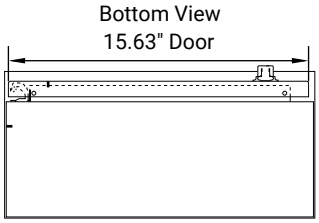
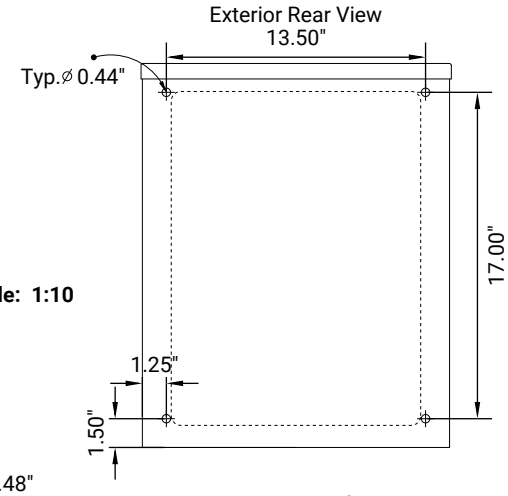


Photo Scale: NTS

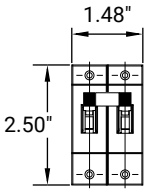


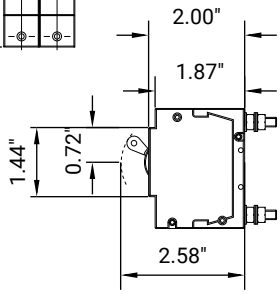


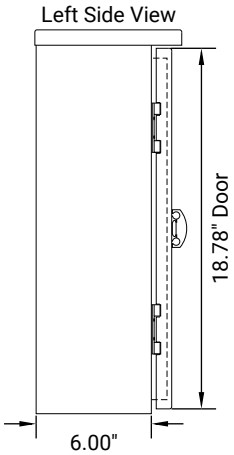




Dimensions Scale: 1:10







Breaker Dimensions Scale: 1:4

ELECTRICAL SPECIFICATIONS

Maximum Operating Enclosure Voltage	60 Vdc
Maximum Continuous DC Current per Input	150 Adc
Maximum Continuous DC Output Current	600 Adc
Maximum Breaker Operating Voltage	80 Vdc
Breaker Interrupting Capacity	5k Adc
HIC	10k Adc
Time Delay (Pulse Tolerance 10ms)	Medium
Breaker Compliance Certifications	UL Listed (UL489A), IEC/EN60947-2, CE, CCC, CRCC

PHYSICAL SPECIFICATIONS

Dimensions (W x H x D)	16 x 20 x 6 (inches)
Dimensions (W x H x D) (Rain Cap Included)	16.16 x 20.08 x 7.64 (inches)
Weight	35.5 Lbs (16.10 kg)
Breaker Frame	DD-Type, Standard Toggle, Mid-trip

CLIMATE SPECIFICATIONS

Operating Temperature	-40°C to 85°C
Elevation	Certified to 2000 meters
Enclosure Rating	NEMA 3R, UL 3R, CSA 3R, IEC60539, IP32

Breaker:

Enclosure: cUL CSA c22.2 94, 14 Issue No. A-2, 192 **NEMA 3R** **IP32** **IEC 60529**

MADE IN USA

Assembly by Palmer DCS, Englewood, CO: Registered UL508. UL File E165086

www.IronEdison.com

2480 W 4th Ave Unit #22 Denver, CO 80223 720-432-6433