

Dynamic Balancer

Specification Sheet

Engineered to integrate with existing building wiring without disruption or downtime. The load Balancer can support up to 16 chargers.

Balancer dynamically monitors available power and communicates with connected chargers to ensure each receives equal power.

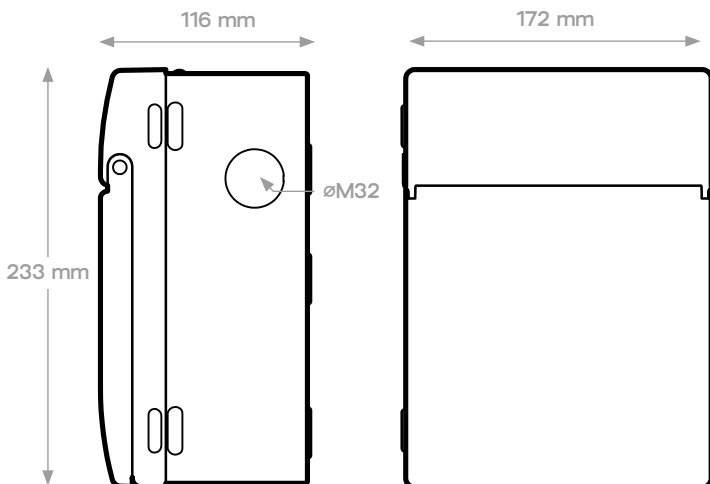
Allowing for ease of expansion when chargers are added in the future, without exceeding the building's safe power limits.

- Balancer supports a maximum of 16 chargers per unit.
- Supplied in a IP20 metal enclosure with 6A MCB or as a DIN Rail mounted module
- The Single Phase and Three Phase module come with the correct CT Clamps as standard.



PART NO.	DESCRIPTION
EVAB1ETP400	Balancer EV Load Management CT Hub Three Phase In IP20 Enclosure, 6A MCB + 3x400A CT
EVAB1ESP120	Balancer EV Load Management CT Hub Single Phase In IP20 Enclosure, 6A MCB + 1x120A CT
EVAB1D	Balancer EV Load Management CT Hub Standalone

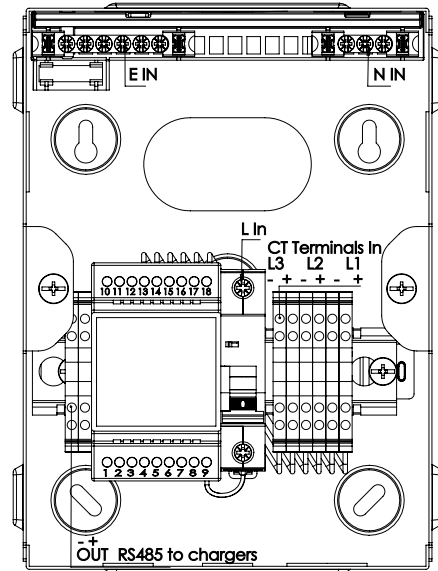
Product Drawing:



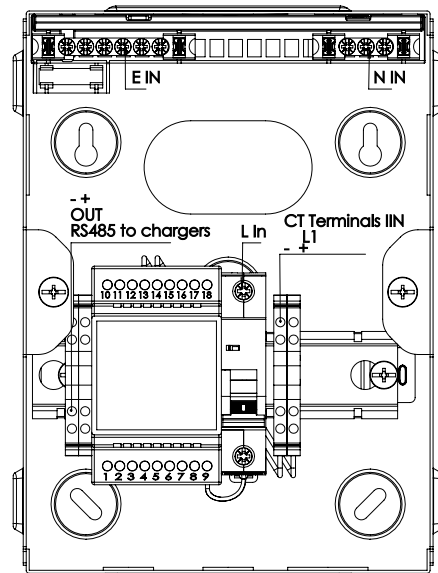
RANGE FEATURES

CODES:	EVAB1ETP400 (THREE PHASE UP TO 400A) EVAB1ESP120 (SINGLE PHASE UP TO 120A) EVAB1D (BALANCER ONLY FOR EXISTING DIN RAIL MOUNTING)
ELECTRICAL INPUT:	SINGLE PHASE : 220-240V, 50-60Hz
OVERLOAD AND FAULT PROTECTION:	OVER CURRENT AND FAULT PROTECTION
METER ACCURACY:	2% CLASS C EQUIVALENT INTERNAL METER WITH OPTION FOR CONNECTION TO EXTERNAL RS485 MODBUS METER
UNIT REQUIREMENTS:	SINGLE PHASE SUPPLY TO BALANCER
INDICATOR:	RGB LED AND BUZZER
HOUSING:	1 MM STEEL ST16, RAL 9016 GLOSS WHITE
CUTOUT AND KNOCKOUTS:	TOP/BOTTOM M20 x2 M32 x1, SIDES M32 x1, REAR 37x68MM x1
IP RATING:	IP20
SOC MODULE:	AI ESP32-S SOC
COMMS TO CHARGER:	RS485
BLUETOOTH:	4.2 BR/EDR and BLE
WARRANTY:	3 YEARS
OPERATING TEMP:	-25°C TO +40°C
WEIGHT:	2.28 KG
DIMENSIONS (MM) :	233 (H) x 172 (W) x 116 (D)
SUPPLIED ACCESSORIES:	EVAB1ETP400 SUPPLIED WITH 3 X CT CLAMPS WITH A MEASURING CAPACITY UP TO 400A EVAB1ESP120 SUPPLIED WITH 1 X CT CLAMP WITH A MEASURING CAPACITY UP TO 120A EVAB1D ACCESSORIES SOLD SEPARATELY

400A - EVAB1ETP400



120A - EVAB1ESP120



EVAB1D

Sold Separately
(Compatible with both models above)

