

# The ESBM™ Battery Cabinet Series

E2L™

P340E



**Flexible, Extendeable, Heavy-Duty,  
High-Density Battery Cabinets with  
Temperature and Humidity Control.**

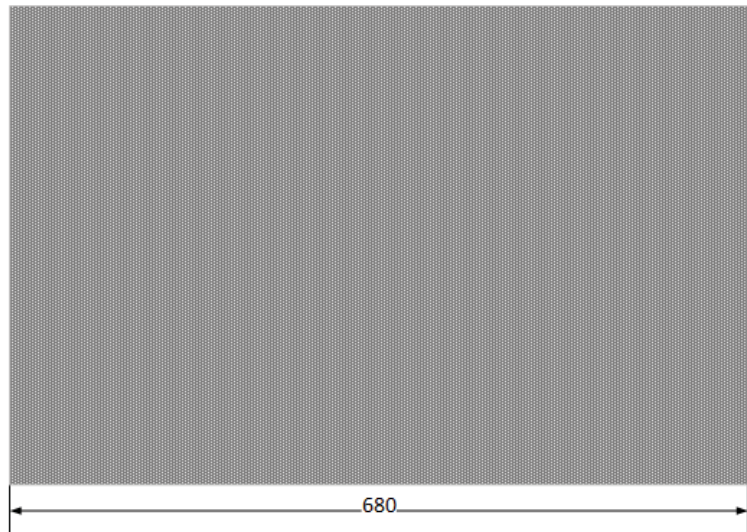
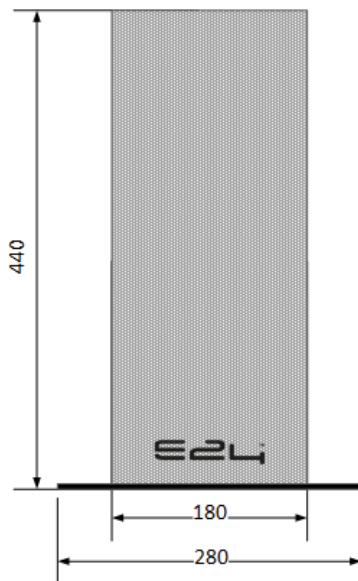
ESBM Range of Battery Cabinets are designed to suit almost any type of battery. ESBM2 Models are modular, rackable and extendable (width can be changed) in order to accommodate the different size of batteries to be used in a given project.

# ESBM1 Modular Battery Cabinet

ESBM1 is a mini battery cabinet that stands vertically. ESBM1 is designed to house up to 20 x 12V / 9AH batteries. The batteries can be connected either all in series for 240Vdc output or in various series/paralell configurations as required (48Vdc, 72Vdc, etc..).

## Features:

- Heavy Duty Metallic Structure
- Rugged and Compact design
- High precision temperature and humidity sensor
- Floor Standing brackets for enhanced stability
- included cables for different possible battery configurations
- Included brackets to hold batteries in place.
- DC connectors allowing the connection of another module in paralell
- Complies to IEC 61587-2:2011, IEC 61587-1:2016



Dimensions in mm

# ESBM2 Totaliser

ESBM2-Totaliser (ref: ESBM2-TOT) is a panel board used to connect a number of battery cabinets together. The Totaliser Provides a single DC connection to the ESI, simplifying DC Cabling.



# ESBM2 Modular Adjustable Battery Cabinets

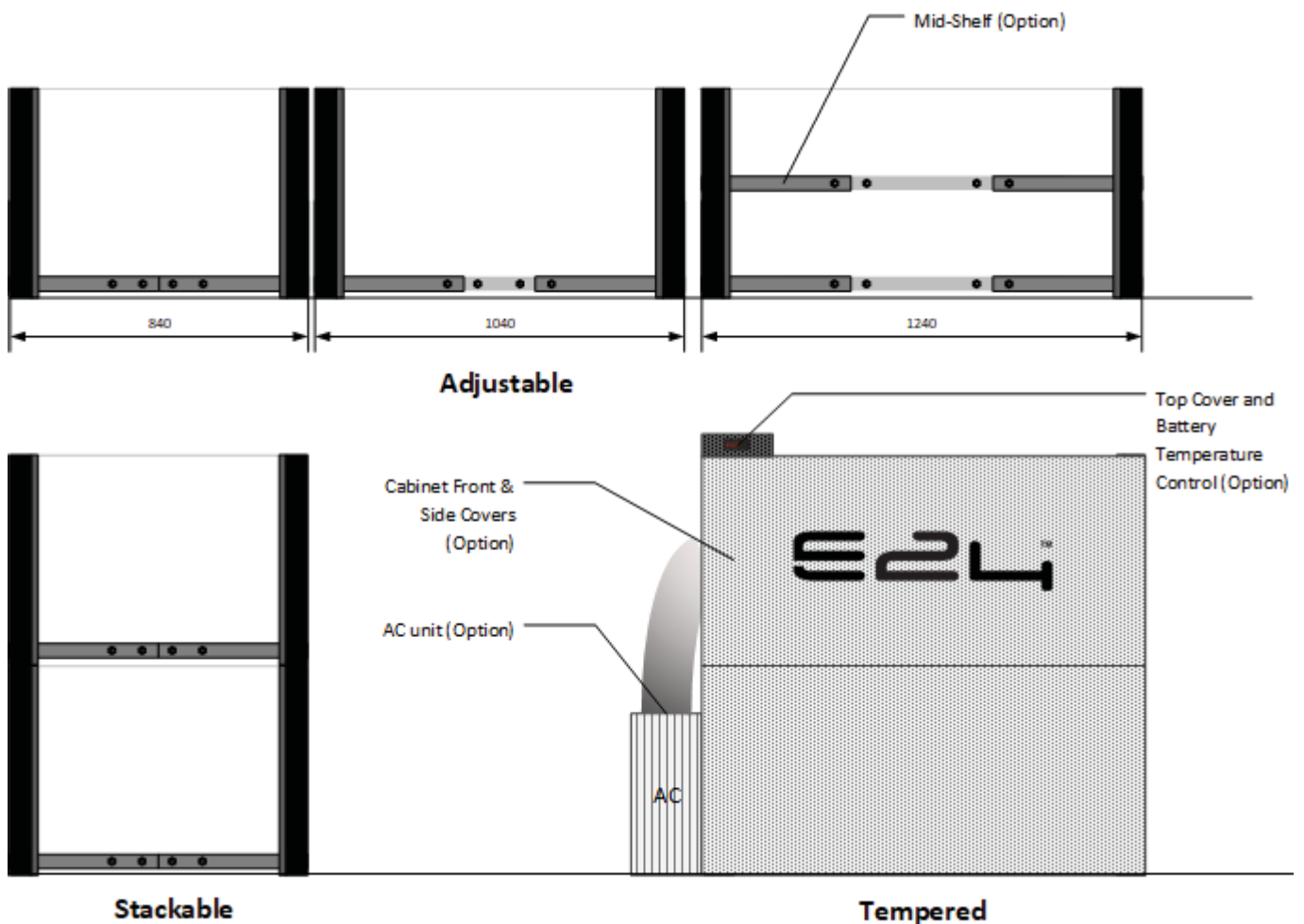
ESBM2 is a very heavy duty and rugged adjustable, stackable and tempered battery cabinet module. ESBM2 is designed to handle very heavy loads (up to 600Kg per shelf) without bending. Being field adjustable, it allows the installer to configure the cabinet size depending on field conditions. ESBM2 can be fitted with DC fuses (cabling kits available) and Battery temperature control system (available as an option) to keep batteries at a steady temperature. The ESBM2 magnetic covers are also available to facilitate access to batteries while insuring isolation. ESBM2 are supplied as kits to be assembled and adjusted on the field.

## Features:

- Heavy Duty Metallic Structure (up to 600Kg per Shelf)
- Rugged and Compact design
- High precision temperature and humidity sensor
- Adjustable Width (840mm to 1240 mm)
- Stackable (up to 5 cabinets can be stacked on top of each other)
- Complies to IEC 61587-2:2011, IEC 61587-1:2016

## Accessories:

- Front & Side Covers
- Mid-Shelf
- Top Shelf & High precision temperature and humidity sensor
- Air conditioning unit
- Stackable (up to 5 cabinets can be stacked on top of each other)



ESBM2 can be horizontally adjusted to optimally fit the width needed for the batteries to minimize footprint.

PV Panels

PV Cabling Kits

PV Mounting Kits

PV Charge  
Controllers

PV Inverter

PV Controllers



# E24 Modular Range Of Products For Building Easy, Flexible & Evolutive Solutions

E24 products dynamically evolve with the lifestyle and work style of its customers while easing the installation process.

E24 products are conceived in modules allowing for an easy upgrade to adjust with the needs of the customers. Being modular and easy to connect E24 products allow installers to easily configure the required modules for an optimal solution while offering easy upgrade options.

# Ordering Information

Ref Number	Description
ESBM1	Energy Storage Modular Battery Cabinet for 3x6x9AH or 1x20x9AH
ESBM2	ESBM2 Stackable Mod Batt Cabinet for 24x60AH, 24x80AH, 18x100AH, 14x150AH (SLA) and 5x100AH, 6x150/200/230/250AH (ELA)
ESBM2-MS-2	ESBM2 Mid Shelf Kit (2 pcs)
RACK190-32	19" Rack, Open Type 32U
RACK190-57	19" Rack, Open Type 57U

**E24**<sup>®</sup>

[www.e24solutions.com](http://www.e24solutions.com)

