



Industrial Battery Housing

The Redflow Industrial Battery Housing (IBH) is an IP55-rated, robust, industrial ZBM enclosure suitable for location outside or inside. The housing includes hold down points in the feet for securing the unit to flooring and threaded bolt holes in the lid for stacking units two high.

The bolt holes in the lid can also be used to lift the IBH into position using suitably rated eye bolts, or the IBH can be lifted from underneath from any side using the built-in pallet-style lifting points.

The IBH features removable weather hoods, fitted at the front and rear, for service access to the battery and to reduce the footprint when installed indoors. An Anderson plug, located under the front hood, provides easy connection to the battery when using the supplied mating plug and contacts. ZBMs installed in the IBH are fitted with a secondary containment vessel for additional safeguard against electrolyte leaks.

Options include a cold weather kit, consisting of a heater pad and insulation, for operating in cold climates and a connector for additional bracing of rows of stacked units.



SCALABLE



TEMP/ NO HVAC REQUIRED



UNPARALLELED SAFETY

Technical Specifications

PHYSICAL

+ **Dimensions (W x D x H):** 541 x 1166 x 934 mm
(22 in x 46 in x 37 in)

+ **Clearances:** Front: 1000 mm (40 in)
Rear: 800 mm (32 in)
Rear: 800 mm (32 in)
Right and Left Side: 50 mm (2 in)

+ **Mass:** Empty: 82kg (181 lb)
With ZBM: 340kg (750 lb)

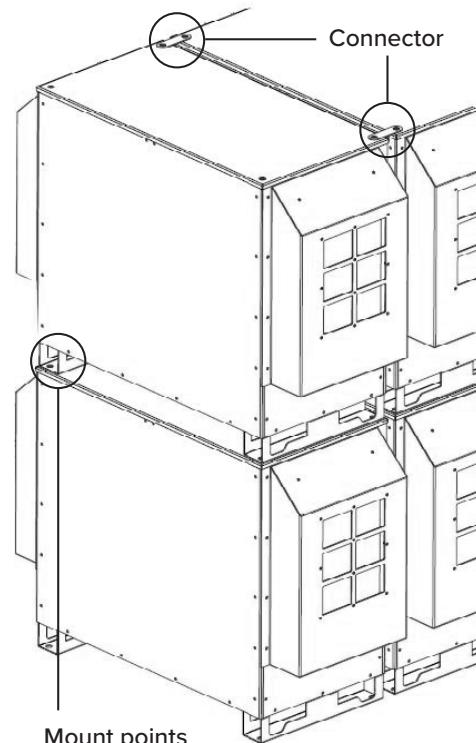
+ **Handling:** Pallet-style lifting device, crane

+ **Stackable:** 2 high

+ **Mount points:** M16

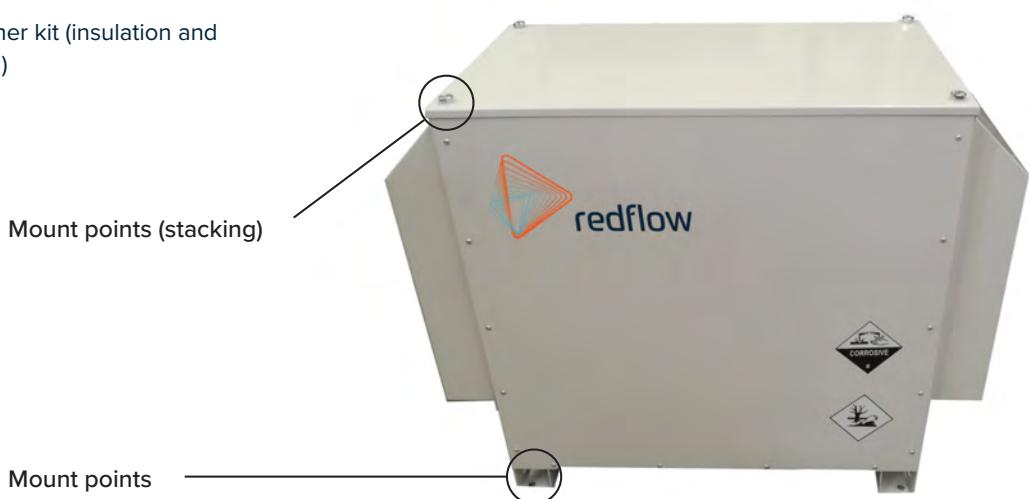
INCLUSIONS

+ **Anderson SB175 Plug:** 175 A / 600V with 1/0 AWG (50 mm²) contacts



ACCESSORIES

Part Number	Description
S300A405	Cold weather kit (insulation and heater pad)
S300M412	Connector



About Redflow

Redflow Limited, a publicly listed Australian company (ASX: RFX), produces zinc-bromine flow batteries for stationary energy storage applications. Redflow batteries are designed for high cycle-rate, long time-base energy storage, and are scalable from small commercial systems through to grid-scale deployments. Redflow's smart, self-protecting batteries offer unique advantages including secure remote management, 100 per cent daily depth of discharge, tolerance of high ambient temperatures, a simple recycling path, no propensity for thermal runaway and sustained energy delivery throughout their operating life.



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