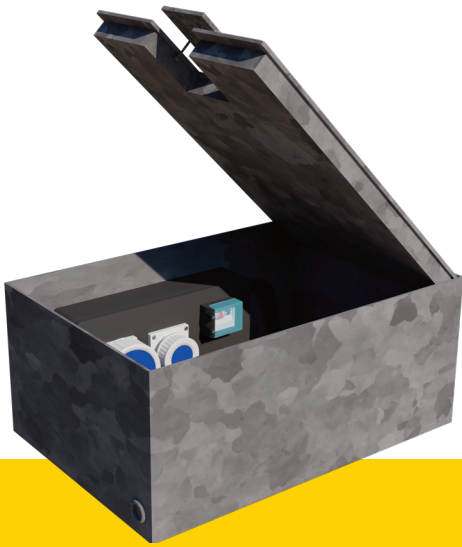


SLIM IGU

This In Ground Unit (IGU) has been specifically designed for areas with limited build up. It operates unattended with the lid locked down, with only the power cable protruding secured by a safety cover.



TECHNICAL DETAILS

STRUCTURE

- Manufactured from BS EN 10025 S275 JR high grade structural steel plate.
- Galvanised to BS EN ISO 1461 to guarantee 55 micron minimum average zinc coating
- Security locking head and yellow safety tread plate as standard
- external dimensions 570 x 386mm, depth 250mm
- Total unit weight 100kg

UNIT INTERNAL ACCESS

- Semi-automatic lifting supported with a gas ram

ELECTRICAL SPECS

- Up to 63 amps
- Voltage 230V single phase only
- Frequency from 50hz to 60hz
- Standard protection of the CEE sockets IP67
- Maximum of 2 sockets with RCBO protection

ADDITIONAL EQUIPMENT

- No additional equipment available

MECHANICAL SPEC

Flip lid power unit, model SLIM IGU for the distribution of energy, made with galvanised steel, it has a 61mm recessed lid to accept paving or other infill to blend in with surrounding area. The cable outlet to allow to use the unit with its cover closed. This unit is supplied with a yellow anti-trip cover as standard. Unit is accessed by manual lifting lid supported with a gas ram and the use of a release key. One key supplied with every unit. The galvanised steel is guaranteed to have a minimum coating of 55 microns as standard. This unit is suitable for light vehicle traffic areas, tested to EN 124 B125 load classification. Galvanised Steel containment chamber with external dimensions 570 x 386mm, depth 250mm.

ELECTRICAL SPEC

Single phase supply to a maximum of 2 sockets, up to 63 amps. All sockets have individual RCBO protection.

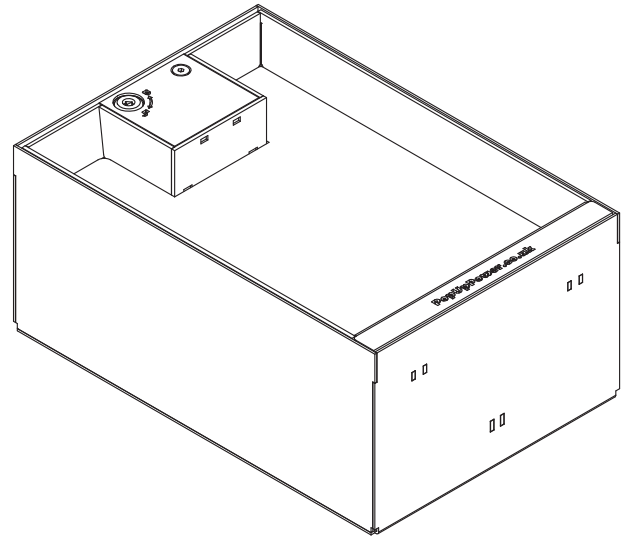
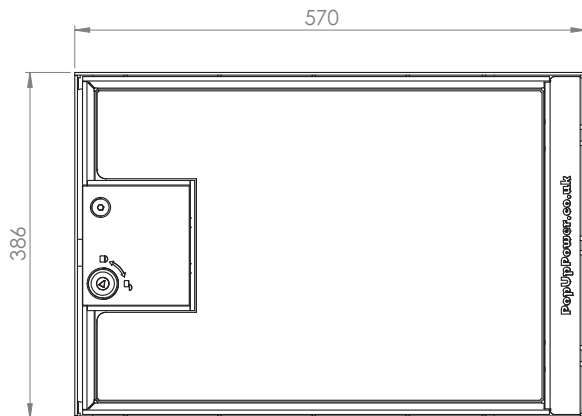
ACCESSORIES

Pop Up Power® Locking Key (pictured right) - one key supplied with each unit

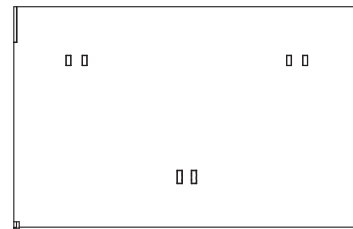
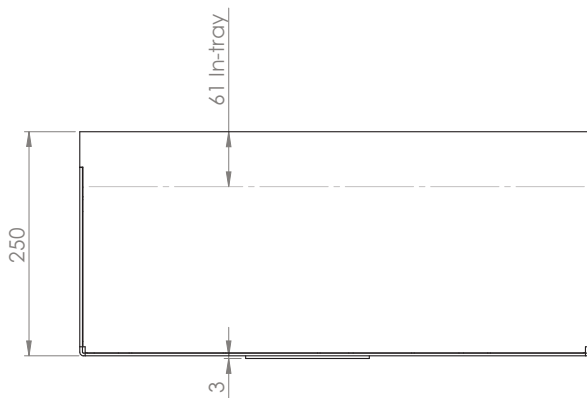


SLIM IGU TECHNICAL DRAWING (EXAMPLES)

Unit top aspect



Unit side/end aspect



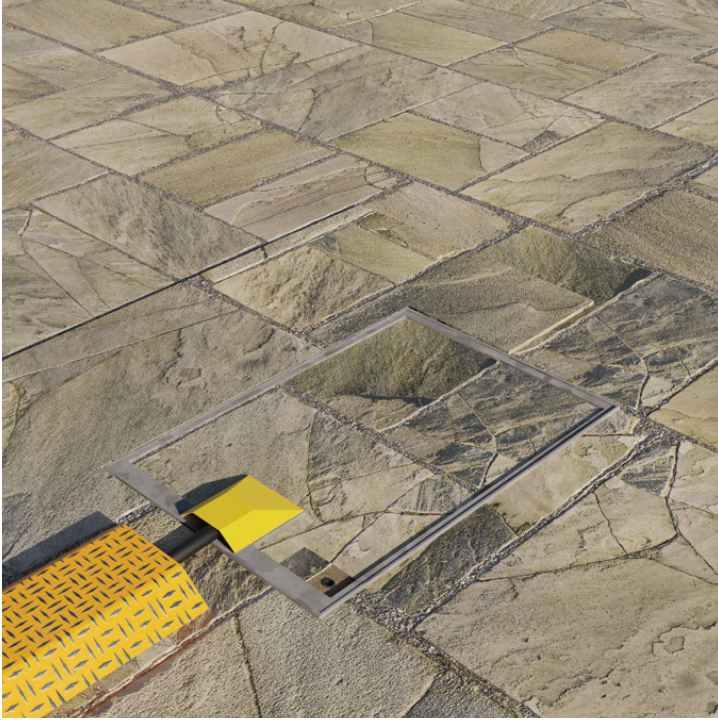
SLIM IGU IN-SITU

Standard recessed cover filled
to match surroundings.

Unit open



Unit closed



GALVANISING STANDARDS

We guarantee a minimum galvanised coating of 55 microns as standard.
For further information on the corrosion rate in your area please visit:
www.galvanizing.org.uk/check-your-corrosion

Galvanised Longevity Table					
Corrosion Rate Key (See above website to find your local area)	1	2	3	4	5
Average Corrosion Rate (Microns (µm)/year)	0.5	1	1.5	2	2.5
55 Microns (µm) minimum average coating (Standard) (years)	110	55	36	27	22
85 Microns (µm) minimum average coating (Chilled Iron Shot Blasting SA 2.5) (years) (Available at request)	170	85	56	42	34
Average Corrosion Rate Combined with effect of de-icing salts (Microns (µm)/year)	2.5	3	3.5	4	4.5
55 Microns (µm) minimum average coating (Standard) (years) (Exposed to de-icing salts)	22	18	15	13	12
85 Microns (µm) minimum average coating (Chilled Iron Shot Blasting SA 2.5) (years) (Exposed to de-icing salts) (Available at request)	34	28	24	21	19