



EXSEL
DESIGN & INTEGRATION

THE CUBE

RAPID DEPLOYMENT SOLUTION

ENGINEERING INNOVATION

Exsel Design & Integration specialises in precision engineering capability; including the innovative design and build, certification and installation of electromechanical, electronic and communication systems into mobile platforms and container-based solutions for rapid deployment and severe environment applications. Across Air, Land & Sea Exsel Design & Integration products and services have for years proven their high quality with years of continuous service.

THE CUBE

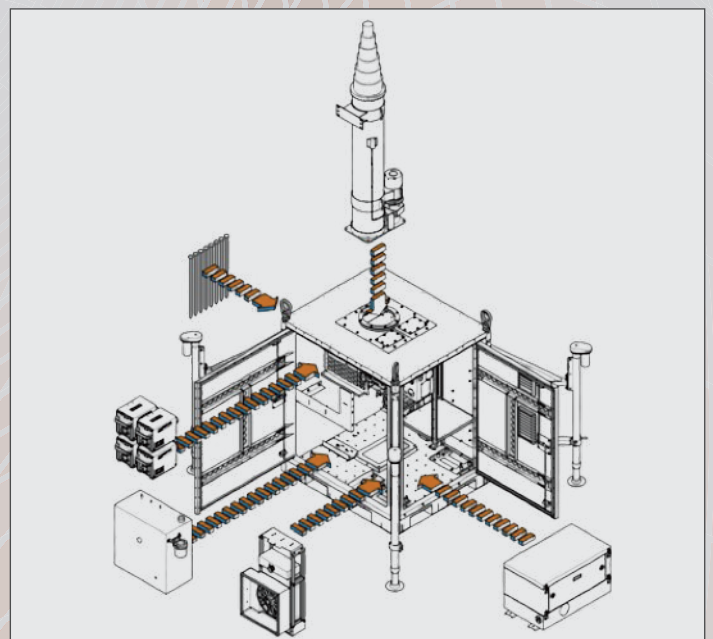
A generic packing system approach to bespoke sub systems. A common footprint packaging power generation, distribution and connectivity infrastructure that allows any product set to be integrated and supported.

FLEXIBLE & VERSATILE

System equipment packaged in the Cube is capable of operating as a standalone self-contained entity or alternatively as part of a larger deployment system. The Cube is modular in construction and offers maximum flexibility and versatility.

TYPICAL APPLICATIONS

- OPTICAL / RADAR SENSING
- WATER PURIFICATION SYSTEM
- MEDICAL EMERGENCY RELIEF
- DISASTER RELIEF
- REMOTE WEAPON STATION
- COMMUNICATION POST
- MOBILE PHONE HUB
- WASTE DIGESTION SYSTEM



EMPLOYER RECOGNITION SCHEME

BRONZE AWARD

Proudly supporting those who serve.

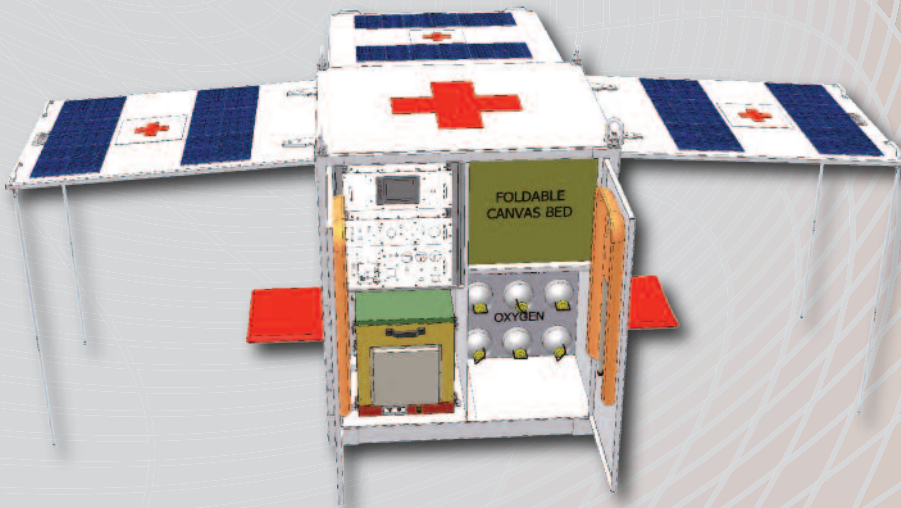


KEY CAPABILITIES

The baseline Cube comprises of a simple frame like structure (either stainless or mild steel) with a generic fixing hole pattern on all aspects – base, roof and uprights and is designed to accommodate a range of module configurations including but not limited to:

- 12/28V DC or 230/110V AC with power provision from integrated generator option, eco sources (wind/solar, fuel cell etc) or local power infrastructure.
- Fuel tank for integral generator models.
- 19" rack module, customer specific 1U – 23U.
- A range of specific to role telescopic masts.
- Manual or electric levelling / stabilising legs allow the unit to sit level on uneven surfaces and also to offer added stability for applications requiring a mast.
- Secure doors and covers providing environmental integrity, under all prevailing conditions between -33°C and +49°C, and complete security.
- Battery Module Box (BMB) – a convenient hot swap battery housing option also designed to satisfy military and civilian battery air transportation requirements. BMB is also available for direct supply.
- EMC design to satisfy demanding requirements – both military and civilian.
- Generic Vehicle / Base Architecture connectivity.

The Cube is designed to be easily manoeuvred with the use of pallet truck, forklift or crane and is capable of being transported by all civilian and military road, rail, sea or air methods.



ENGINEERING INNOVATION

DIMENSIONS

Gross system design weight for a fully laden Cube:	1200 kg
Footprint (excluding levelling legs):	1325 mm x 1110 mm
Height:	1600 mm