![MCL Data Solutions logo]

Outdoor Enclosure Range

Product Datasheet

Technical Information:
Standard Enclosure:

Equipment Bay:
Standard Features without thermal management:
- ✓ IP65 rated
- ✓ 19 inch equipment mounting rails
- ✓ LH hinged door with black composite swing handle, 3-point locking systems & door stay
- ✓ Pitched roof
- ✓ Gland plate in each bay for cable entry
- ✓ Plinth for mounting
- ✓ IP65 vent plugs
- ✓ Lifting brackets
- ✓ Stainless steel 4003 construction with powder coated finish, available in 2 standard colours; Light Grey or Dark Green

Standard Features with thermal management:
- ✓ IP55 Rated
- ✓ 19 inch equipment mounting rails
- ✓ LH hinged door with black composite swing handle, 3-point locking systems & door
- ✓ Pitched roof with internal hinges and stay
- ✓ Plinth for mounting
- ✓ Thermostatically controlled roof mounted fan
- ✓ Long life filter
- ✓ Lifting brackets
- ✓ Gland plate in each bay for cable entry
- ✓ Stainless steel 4003 construction with powder coated finish, available in 2 standard colours; Light Grey or Dark Green

End Pod:
Standard Features:
- ✓ IP65 rated
- ✓ Back board for mounting electrical equipment
- ✓ Hinged door with black composite swing handle, three point locking systems & door stay
- ✓ Base mounted earth stud
- ✓ Gland plate for cable entry

Options:
- ✓ Stainless steel swing handle
- ✓ ETSI or DIN rail equipment mounting
- ✓ Equipment mounting backboard
- ✓ Other standard RAL colours available
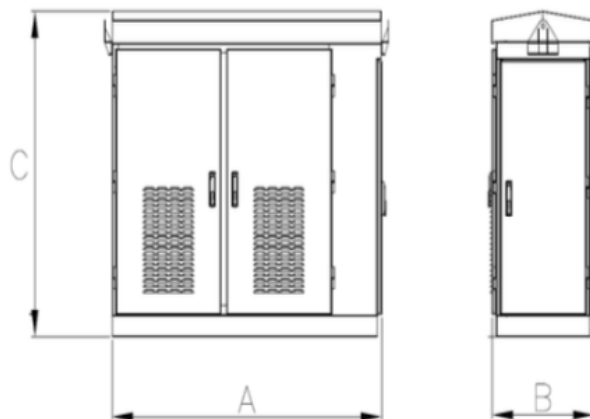
Accessories:
- ✓ Anti-condensation heater kit
- ✓ Door alarm kit
- ✓ Cable trays
- ✓ Full range of 19" or ETSI mounting accessories
- ✓ Equipment shelves / Battery trays
- ✓ 6 way 19" PDU

Sizes and Options:

Enclosures	Width A (IN MM)	Depth B (IN MM)	Height C (IN MM)	Equipment Area (IN U)
Single Bay	675	600 / 800	1272 / 1494 / 1716	20 / 25 / 30
Single Bay + End Pod	950	600 / 800	1272 / 1494 / 1716	20 / 25 / 30
Double Bay	1335	600 / 800	1272 / 1494 / 1716	20 / 25 / 30
Double Bay + End Pod	1610	600 / 800	1272 / 1494 / 1716	20 / 25 / 30
Triple Bay + End Pod	2288	600 / 800	1272 / 1494 / 1716	20 / 25 / 30

* All cabinets have the option to add heat management

This includes a thermostatically controlled fan above each bay and a long life filter fitted to each front door.

* Please see our representative for full technical information, this document is for guidance only.

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Key Features:

✓ **Range of widths (1, 2 & 3 bays) and depths with option for an End Pod for housing power distribution equipment**

✓ **High IP ratings up to IP65**

✓ **Construction material; Stainless steel 4003**

✓ **19 inch, ETSI and DIN rail equipment mounting options**

✓ **Intelligent thermal management system including; fan / filter & thermostat heater**

✓ **Vandal resistant features including; 3-point locking, stainless steel hinges**

✓ **Range of 19" rack mountable accessories**

✓ **Supplied fully assembled**

Designed and Manufactured in the UK

The Vanguard® intelligent thermal management system, varies the speed of the fan(s) in accordance with the external conditions, thus reducing the duty of the system. This reduces the maintenance frequency of the enclosure, prolongs the life of the air filter and reduces the through life cost of the enclosure.

Our cabinets are supplied fully assembled ready for immediate deployment.

VANGUARD®

Compact axial fans which operate efficiently at high pressures. Thermostat operation with intelligent speed control

Reduced noise acoustics performance via exhaust air flow directed to the rear of enclosure

Breather to prevent internal condensation forming

Pitched roof with internal hinges

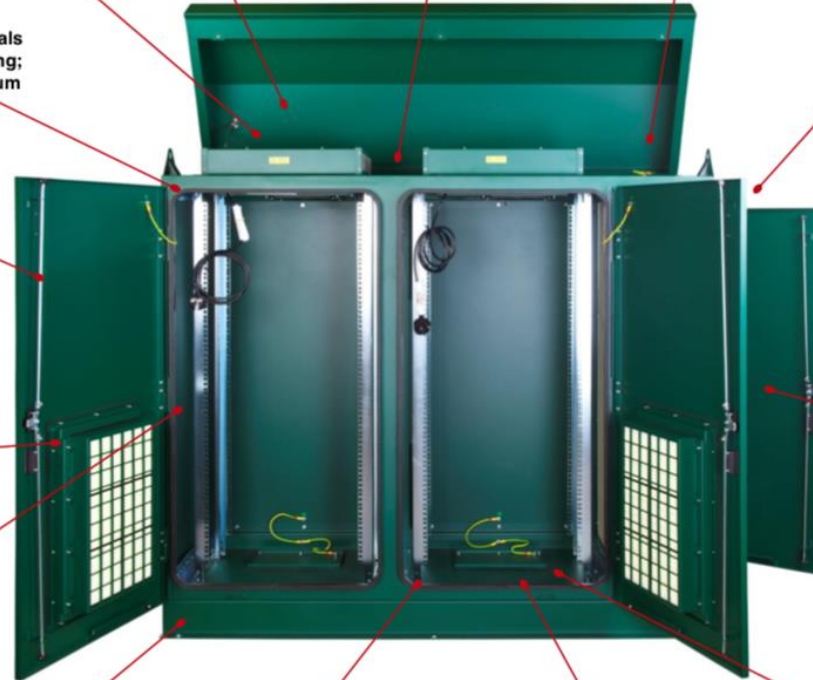**3-point locking system** with the option of vandal resistant locking handle

Rounded corner door seals providing up to IP65 rating; balloon seals for maximum compression

Option for door alarm contacts for access monitoring

Stainless steel lift off hinges with compression anti-pry bar protection strips

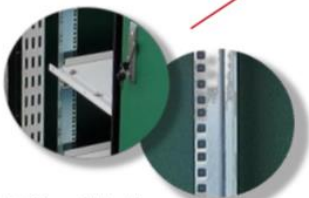**Door mounted long life, low maintenance & high efficiency corrugated filter**

Wooden back board offering flexible mounting options for power distribution. Housed within a separate secure End Pod for convenient access

Louvered door design to optimise air flow & vandal resistance

Steel plinth allowing for cable management & unobstructed door access. Optional grounding root for ease of installation

Removable gland plate for cable entry

19 inch, ETSI or DIN rail mounting options; perforated shelving options & cable management trays

Thermostatically controlled

Socket strips mounted vertically or horizontally with range of AC Outlets

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PDUs and IPDU's (Intelligent power supplies) to suit are also available to order

See our website at mcldatasolutions.co.uk