

Data Sheet

Component Cabinets

PRIESS

- ✓ Flexible expansion
- ✓ Robust sheet metal construction
- ✓ Easy replacement of spare parts
- ✓ Easily removable roof
- ✓ Streamlined design
- ✓ Installation-friendly construction



About Component Cabinets

Priess component cabinets are used for the installation and protection of electrical components, controls and metering equipment in outdoor environments. The robust construction ensures a durable solution with a long service life.

The component cabinets can be customised to customer requirements and are supplied prepared for locking with a padlock.

Applications

Component cabinets are used where power supply, control and monitoring need to be combined in a single enclosure.

They are particularly suitable for wastewater and drinking water facilities, pumping stations, metering points and utility installations, where technical components need to be protected from the surrounding environment while remaining easily accessible for servicing and maintenance.

Construction

The component cabinet is constructed on a hot-dip galvanised steel frame clad with profiled zinc-magnesium sheets. The construction provides high strength and good corrosion protection for demanding outdoor environments.

The cabinet is available in several sizes and configurations, with options including a meter cassette and different depths. The solution can also be customised to customer requirements. The cabinet is prepared for a padlock and meets impact resistance class IK10 in accordance with DS/EN 50102 and IEC 62262.

Standard Surface Treatment

- Steel: Hot-dip galvanised in accordance with DS/EN 1461
- Sides and roof: Zinc-magnesium sheet in accordance with DS/EN 10364
- External cabinet coating: C4-H in accordance with DS/EN 12944

Colour

- Standard colour: Green RAL 6014 (textured paint)

Options

- External cabinet coating: C5-H in accordance with DS/EN 12944
- Custom RAL colour
- Foundation: Coated to IM3 in accordance with DS/EN 12944
- Meter cassette
- Custom dimensions and layout
- Raised plinth: Increases the height by 356 mm and provides greater clearance above ground level where additional protection against moisture or flooding is required.

Technical Data – Component Cabinets

Component Cabinets	Type 1200	Type 1600	Type 2000
External dimensions (mm)			
Length (A)	1304	1704	2104
External dimensions (mm)			
Width (B)	504	504	504
External dimensions (mm)			
Height (C)	1338	1338	1338
Mounting dimensions (mm)			
Length (D)	1150	1550	1950
Mounting dimensions (mm)			
Width (E)	325	325	325
Mounting dimensions (mm)			
Height (F)	1200	1200	1200
Weight excl. plinth (kg)	120	146	166
Standard options			
Custom RAL colour	x	x	x
Depth 600 mm	x	x	x
Meter cassette	x	x	x
Top & bottom grilles	x	x	x

