

# Metro uses Australian power cabinets with IP55 rating

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What is the IP rating on a cabinet?

The IP rating on enclosures is an international protection standard that indicates how well the cabinet is protected against two factors: the ingress of dust or solid particles, and the ingress of water. The IP55 marking includes two digits that determine the nature and intensity of the enclosure's protection against external influences.

What is an IP55 rating?

One of the most widely used protection levels is IP55. In this article, we explain what an IP55 rating is, how protection against dust and water is achieved, and which design features allow an IP55 enclosure to withstand outdoor and industrial environments.

What is the IP rating for a power outlet in Australia?

In Australia, the most recent version is AS 60529:2025, replacing the earlier AS 60529:2004 (R2018) version. The IP rating system exists because not every enclosure is designed to handle the same conditions. An indoor power outlet doesn't face the same risks as a weatherproof outlet on an outdoor wall.

What is an IP55 outdoor cabinet?

The second "5" indicates that the body can withstand the effects of water jets coming from any direction. This means that an IP55 outdoor cabinet can operate safely during rain, splashes, or routine external washing, making it suitable for most outdoor telecom and electrical installations.

Description Pylontech Low Voltage Energy Storage Cabinet / Enclosure with IP55 rating suitable for indoor and outdoor battery storage applications.

It's the Australian and New Zealand adoption of the international IEC 60529 standard, which defines a classification system for how enclosures protect electrical and electronic equipment.

An IP (Ingress Protection) rating is used by buyers in Europe to ...

The Enepower EBC range has been designed to do just that with the IP55 rated heavy duty construction using powder-coated galvanised steel, coupled with robust door hinges and locking mechanisms, ...

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IP ratings classify the levels of protection against solid objects, dust, accidental contact, and water in electrical enclosures. IP ratings are key for understanding how well an instrument is sealed against ...

This outdoor TV enclosure protects TVs and other digital displays from the harsh Australian weather. It is lockable, weatherproof and comes with a cooling fan system to regulate temperature.

An IP (Ingress Protection) rating is used by buyers in Europe to specify the extent of protection an electrical enclosure has against environmental conditions. The IP rating system was ...

AS 60529 is the Australian adoption of IEC 60529, providing consistent criteria for evaluating electrical enclosures. We test our electrical enclosures against this standard to ensure equipment can ...

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A useful guide for helping navigate the world of Ingress Protection (or IP) ratings for electrical enclosures.

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