

# Intelligent outdoor cabinet type for Mongolian ports IP55 rating

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Generated on: 2026-04-15 12:27:15

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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.

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 an IP55 enclosure?

IP55 enclosures offer a balanced level of protection for outdoor telecom, electrical, and industrial equipment, providing reliable performance across most climate zones. When properly selected and equipped, they ensure long-term operational stability even in demanding conditions.

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.

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 ...

IP55-rated outdoor cabinets play a crucial role in protecting sensitive electronic and electrical equipment from environmental hazards. Designed to withstand dust, water, and extreme weather conditions, ...

Double panelled, robust and sturdy aluminium extruded framework; Estap's outdoor enclosures designed to provide maximum protection against environmental factors, vandalism, EMC and extreme ...

AZE's 12U 24-INCH lockable Wall Mounted Outdoor server racks are designed to protect sensitive network equipment from harsh environments where equipment may be exposed to dust or water. ...

With 30 rack units (RU) of internal mounting space, it accommodates standard 19-inch telecom hardware such



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as servers, power systems, batteries, and networking devices. The IP55 rating ...

New Estap designed outdoor enclosures are rugged, antivandal and suitable for all hard conditions. Perfect, safe solutions for housing valued and important devices.

AZE's 15U NEMA rated Outdoor Cabinet are designed to protect your sensitive network equipment from harsh environments, with waterproof and dustproof features to safeguard it from the elements, while ...

With an IP55 rating, it effectively prevents harmful dust ingress and protects against water jets from any direction, ensuring reliable performance in rain, snow, and sandstorms. The weather-resistant ...

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