

Classification of waterproof levels for outdoor base stations





Overview

This guide breaks down IP67, IP65, IP64, and IP54 ratings, including what each one means and how to choose the best level of protection for your application. What Is an IP Rating?

What do IP54, IP64, IP67 waterproof ratings mean?

IP54, IP64, IP65, and IP67 are waterproof ratings that measure a product's dust and water protection and functionality for use in an environment. Every business owner must know these ratings to select the right waterproof lighting.

What are the most common IP ratings for outdoor equipment enclosures?

The following are the most common IP ratings for outdoor equipment enclosures. Equipment that has been designed hardened for outdoor use will perform well in an enclosure rated to IP54. It will give a good level of protection from airborne dust and splashing rain. IP54 allows some ingress of water, subjectively defined as 'limited'.

What does IP67 waterproof mean?

This is actually defined by the second digit of the IP rating. So, the IP67 waterproof rating for the iPhone means that it will be protected from temporary immersion in liquids between 15cm and 1m in depth. In practice, any device with an IP67 rating could be submerged under water, a metre deep, for a maximum of 30 minutes.

Are waterproof products waterproof?

Waterproof products won't necessarily resist when placed underwater for a long period of time. Exposure to small amounts of water is enough for damaging a product with a low IP Rating. You might have come across products that have ratings like IPX4, IPX5 or even IPX7.



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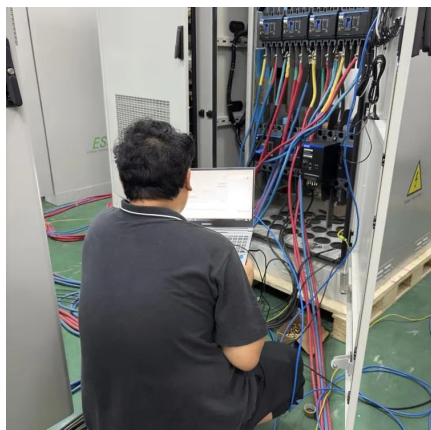


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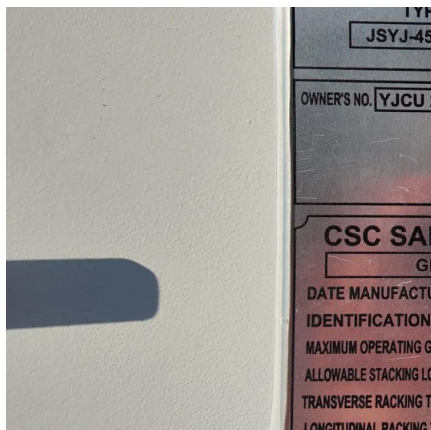


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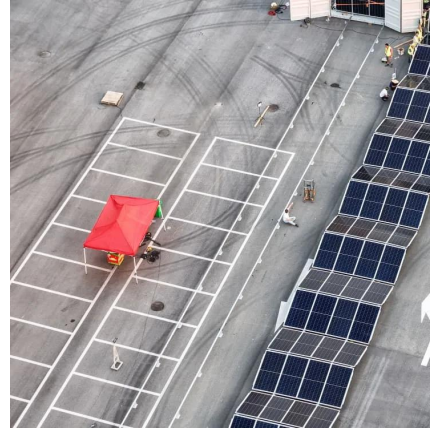
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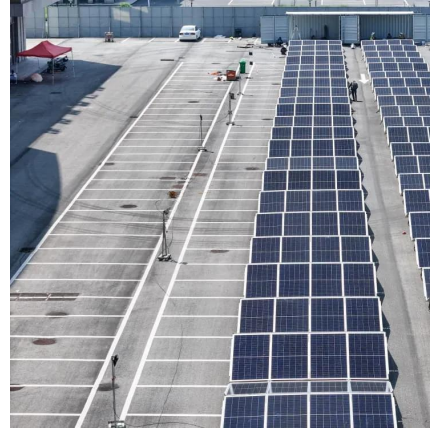
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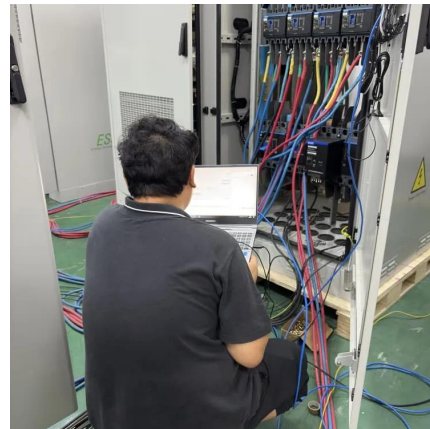


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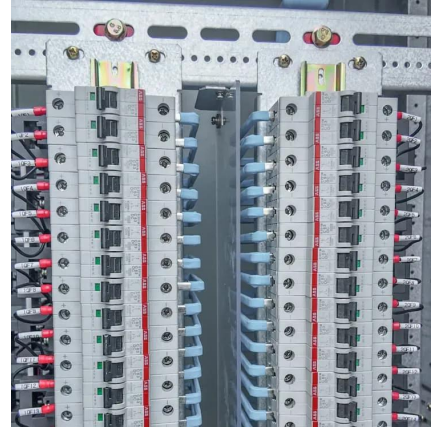
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