

## A-Core Container

# Communication base station high-frequency power supply



## Overview

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What is a HEP power supply?

MEAN WELL's HEP series (Harsh environment power supply) is ideal to use in 5G network applications with high reliability design and communication interface for AAU (Active Antenna Unit) or 4G RRU (Remote Radio Unit) and Small-Cell system.

What is a 3G base station converter?

In a 3G Base Station application, two converters are used to provide the +27V distribution bus voltage during normal conditions and power outages.

What types of power systems are used in communications infrastructure equipment?

Communications infrastructure equipment employs a variety of power system components. Power factor corrected (PFC) AC/DC power supplies with load sharing and redundancy (N+1) at the front-end feed dense, high efficiency DC/DC modules and point-of-load converters on the back-end.

What is the coverage area of 5G high-frequency base stations?

The radius of coverage area of 5G high-frequency base stations will be less than one-tenth of that of 4G base stations, and the coverage area of 5G high-frequency base stations will be less than one percent of that of 4G base stations. The deployment of macro base stations is difficult and the site resources are not easy to obtain.

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### Contact Us

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