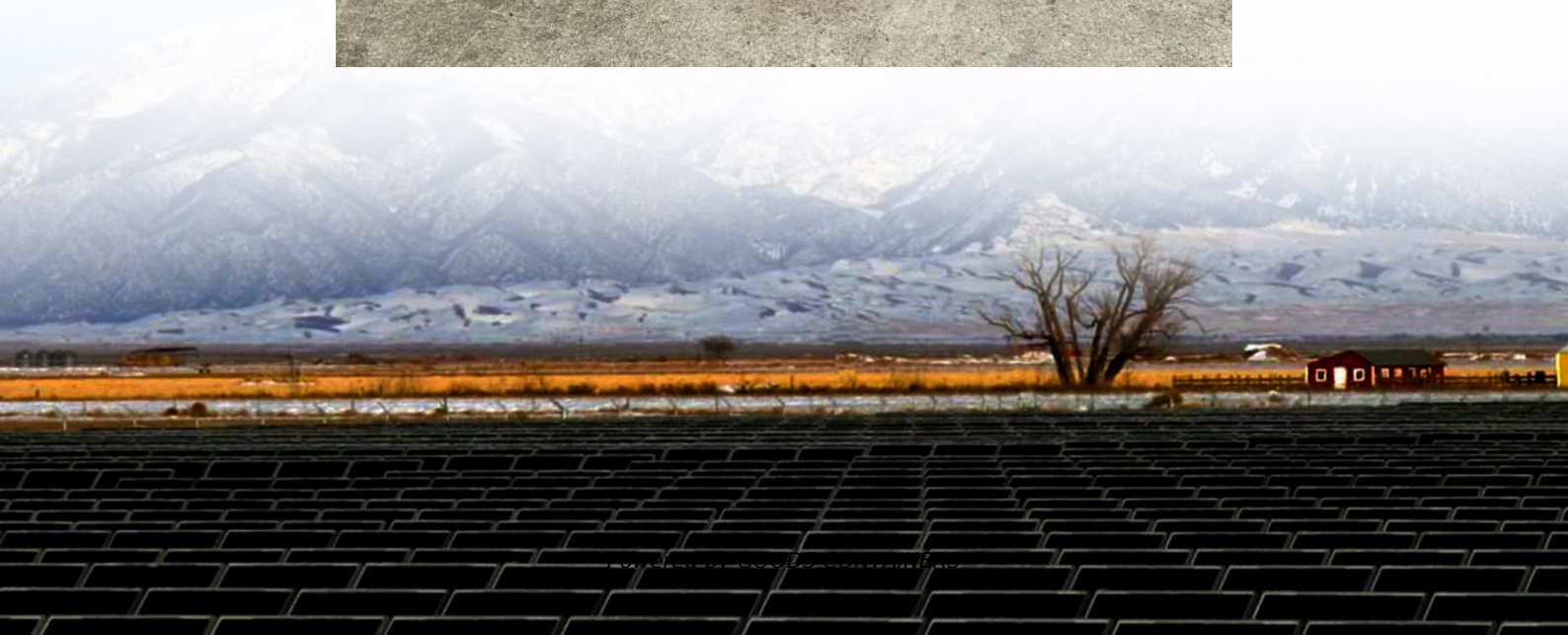


Host assembly portable power supply





Overview

What is a high power auxiliary power supply?

In the power range up to 20W, high-power-density and cost-effective isolated auxiliary power supplies can be designed using single-transistor fly-back, forward or quasi-resonant topologies working at relatively high switching frequencies to minimize.

What is an auxiliary power source (SMPS)?

Many appliances and equipment require the availability of an auxiliary power source (SMPS) that works separately from the main power supply to support, for instance, stand-by operation. Power ratings can vary from a few to a few tens of watts for these auxiliary supplies, which can be either isolated or non-isolated.

How much power do auxiliary supplies use?

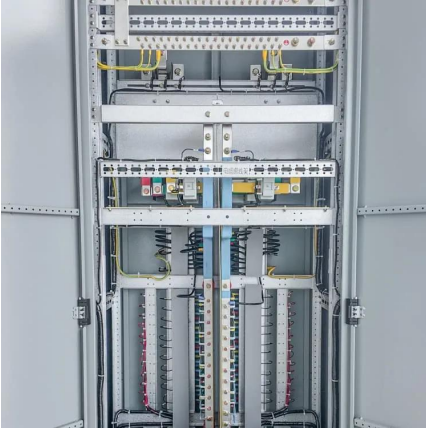
Power ratings can vary from a few to a few tens of watts for these auxiliary supplies, which can be either isolated or non-isolated. To ensure good performance, engineers must choose a power topology -. Read more.

What is an off-line non-isolated auxiliary power supply?

In such cases, an off-line non-isolated auxiliary power supply can be used to provide a regulated DC voltage using an ST offers a wide portfolio of highly-integrated offline converters for applications up to 20 W with an extremely low total stand-by consumption - down to less than 4 mW - and breakdown voltages as high as 900 V.



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