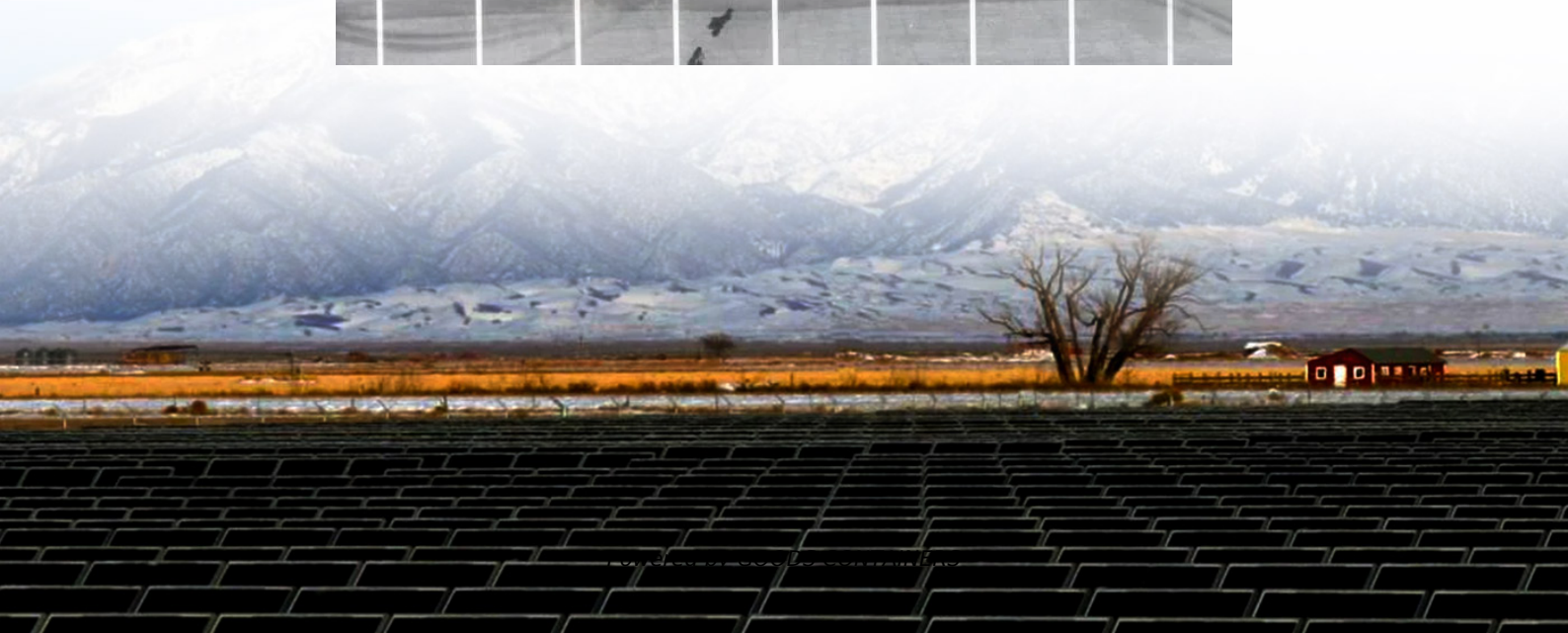


Kigali Portable Programmable Power Supply





Overview

Is TDK-Lambda a programmable power supply?

The standard Z+ series now also includes USB and optional LAN. TDK-Lambda's lineup of programmable power supplies consists of the Genesys series suitable for 19 inch racks mounted and the portable benchtop-type Z+/ZUP series for applications such as researching, and all are UL-listed products with RS232C/RS485 in their standard form.

What is a programmable power supply?

Programmable power supplies (CVCC variable DC power supplies, DC power supplies) are power supplies that can be operated in constant voltage (CV) mode or in constant current (CC) mode automatically depending on load conditions within the range of voltage values and current values that have been set ahead of time.

What is a portable power supply?

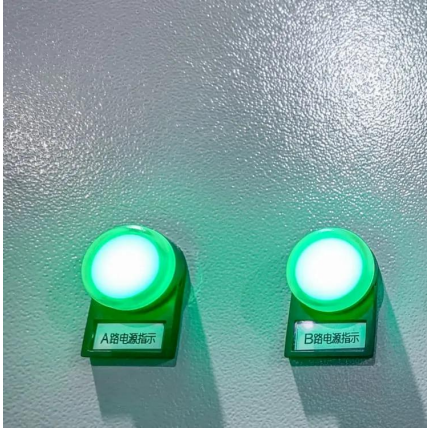
These devices provide stable, adjustable power outputs in a portable form factor, making them ideal for various applications, from prototyping circuits to powering small gadgets. They are especially useful when fixed-voltage power supplies—such as those from old laptops, power banks, or other power adapters—are already available.

What is a portable USB power bank?

A portable USB power bank (5 V, 2 A) transforms into a versatile power supply, offering a 0-5 V adjustable output, including the frequently needed 3.3 V for microcontrollers like the ESP32. Some power banks also provide 12 V outputs with up to 10 A, making the DPS-150 even more versatile.



Kigali Portable Programmable Power Supply



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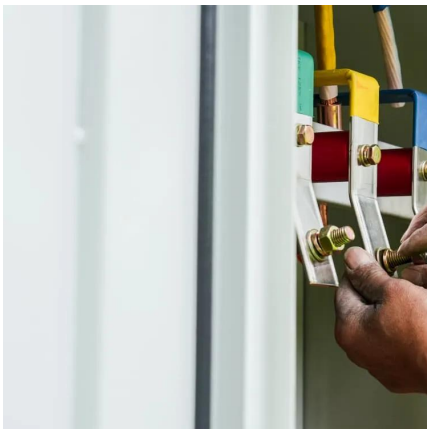
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