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INDUSTRIAL PRODUCT DATASHEET

CPT-C5 power converter 12V&24V switch to 5V

CPT-C5: A compact, 96% efficient 5V power converter with robust protection for harsh environments.

SKU	UPDATED	PRICE
313080006	2025-07-30 07:28:18	$8.50(Excl. VAT)



Overview



The CPT-C5 power converter efficiently converts 12V or 24V DC to 5V with 96% efficiency and synchronous rectification for low heat operation. Its waterproof epoxy coating, comprehensive protections (short circuit, over current, over temperature), and ultra-small 66x60x23mm size make it suitable for solar power, taxi advertising, LCD TV, and monitoring systems.

Key Features

CPT-C5 is a power converter module output 5V. Low heat, adopt synchronous rectification technology (5A long-term without any additional cooling measures).

Features

- Conversion efficiency of 96%.
- Epoxy Glue, waterproof, shock, moisture, suitable for harsh environments.
- Short circuit protection, over current, over temperature protection, when the fault is solve then back to work.
- Ultra-small size 66 * 60 * 23mm(L * W * H, without cable), about 100 grams.

Applications Ideas

- Solar power
- Taxi advertising screen
- LCD TV
- Monitoring systems

Part List

CPT-C5 power converter 12V&24V switch to 5V	1

Compliance & Logistics



HSCODE	8504319000
USHSCODE	8504312000
UPC	841454116325
EUHSCODE	8533210000
COO	CHINA

Resource Links

- https://www.seeedstudio.com/CPT-C5-power-converter-12V-24V-switch-to-5V.html
- Datasheet

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