Brick Power Module

Power Grid | Industrial Control | Communication | Instruments

<Product Features>

01 High Efficiency

- Up to 91%~94.5% efficiency, minimizing energy loss and improving system performance.

02 Remote Control & Output Voltage Adjustment

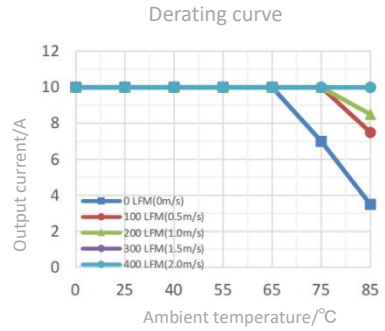
- Supports positive/negative logic control (CNT pin) and Trim resistor-based voltage adjustment (±10%)

03 Comprehensive Protection

- Input undervoltage, output short-circuit/overcurrent/overvoltage/overtemperature protection with auto-recovery.

04 Extended Operating Temperature (-40°C~+85°C)

- Reliable performance in harsh environments (e.g., outdoor base stations, industrial applications).



05 Cost-Effective Design & High Power Density

- Lower cost compared to potted modules, ideal for budget-sensitive applications without compromising performance.
- Compact size for space-saving, high-density installations.

06 Long Lifespan & High Reliability

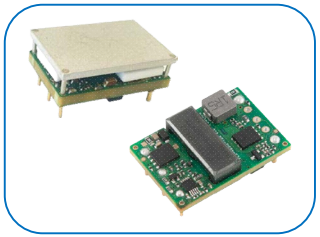
- MTBF up to 2 million hours (Telcordia SR-332), suitable for 24/7 operation.

07 Low Ripple & Noise

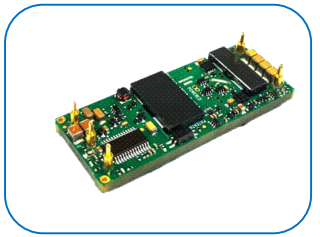
- Optimized design (e.g., external capacitors) with ripple as low as 50mVp-p (12V models).

<Product >

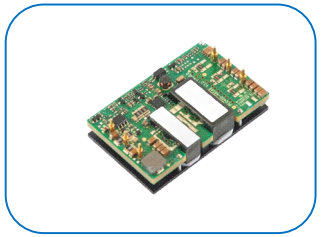
DOSA



1/16 Brick
50-75W



1/8 Brick
50-150W



1/4 Brick
Reach 400W

Note: These points highlight the cost advantage (open-frame vs. potted), standardized brick sizes (1/16, 1/8, 1/4), and power range flexibility, making them ideal for telecom, industrial, and embedded systems.

<Product Applications>

- It can be widely applied in fields such as communication, industrial control, power, and instrumentation
- Typical applications: communication small base stations, optical module switch systems, relay systems, etc.

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