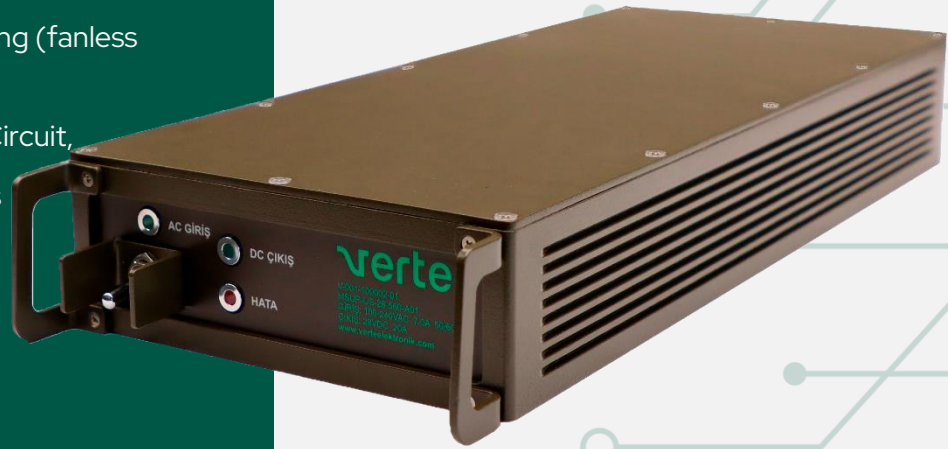


MILITARY POWER SUPPLY

MSUP-1PH-28-560-A01

The "MSUP-1PH-28-560-A01" is a 560 W military power supply with input voltage of 85-265 VAC, 47-63 Hz and output voltage of 28 VDC in accordance with the harshest environmental conditions and superior performance targets.

- **AC Input:** 85-265 VAC, 47-63 Hz
- **Output:** 28 VDC 20 A
- **Power:** 560 W
- **Operating Temperature:** -40 °C to 71 °C with full power
- **Cooling Method:** Conduction cooling (fanless design)
- **Protections:** Over Current, Short Circuit, High-Temp , Low- Temp protections



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Built to meet stringent military standards, this AC-DC converter guarantees reliable power delivery under extreme conditions. It operates efficiently across a wide input voltage range (90-264VAC) accommodating various power grids with ease. Its high efficiency, exceeding 95%, ensures minimal energy loss, translating into prolonged operational life. The converter's robust design includes comprehensive protection mechanisms against over-voltage, over-current, over-temperature, and short-circuits, safeguarding both the device and connected equipment.



Designed to withstand the rigors of military and industrial use, this converter performs flawlessly in diverse climatic conditions. It withstands up to 90% non-condensing humidity, ensuring stable operation in humid environments. The device is also tested to MIL-STD-810G standards for vibration and shock resistance, making it suitable for use in mobile military vehicles and other dynamic applications. Its compliance with MIL-STD-461 standards for electromagnetic interference and compatibility ensures it operates harmoniously with other electronic equipment without causing or being affected by EMI.

