

Part Number & Ordering Information*

Family	Input Voltage	Power	Output Voltage	Package	Options
KMPS09	DC270: 270 VDC	P5K: 5 kW	DC28: 28 VDC	EN: Enclosed	-

* Full part numbering and options are available in the datasheet. "." sign shall be placed in between all fields.

Features & Benefits

- Wide input voltage range: 250-425 VDC
- High efficiency and high power density
- RS-485 communication
- Input UV/OV protection
- Output OV protection
- Short circuit protection
- Over temperature protection
- Fan cooled
- Iout = 180 A
- Output Power: 5040W
- Efficiency: $\geq 90\%$
- Power Consumption: $\sim 500W$
- Switching Frequency: 100kHz

Product Description

KMPS09 is a high-efficiency and rugged power supply to keep you running in many tough military and aviation applications. This power supply operates from a wide range DC input (250-425V) and has superior protection features backed by analog comparators.



Size: 370 x 340 x 87.75 mm

Weight: $\leq 12kg$

Absolute Maximum Ratings

The absolute maximum ratings below are stress ratings only. Operation at or beyond these maximum ratings may cause permanent to the device.

Parameter	Value
Operating Temperature	-40 to +85 °C
Storage Temperature	-55 to +125 °C

Screening

- Full LOT traceability
- Optional burn-in testing
- Temperature cycling
- Available with different screening grades
- Final visual inspection