

## Part Number & Ordering Information\*

Family	Input Voltage	Power	Output Voltage	Package	Baseplate
<b>KMPS04</b>	<b>AC1UNV:</b> Single Phase Universal 90-265 VAC	<b>P3K:</b> 3 kW <b>P7K:</b> 7 kW	<b>DC12:</b> 12 VDC <b>DC15:</b> 15 VDC <b>DC28:</b> 28 VDC <b>DC36:</b> 36 VDC <b>DC48:</b> 48 VDC <b>DC270:</b> 270 VDC	<b>EN:</b> Enclosed	<b>H:</b> 300 Vac continuous input

\* Full part numbering and options are available in the data sheet. "-" sign shall be placed in between all fields.

## Features & Benefits

- Three phase 90-265 VAC input, optional 300 VAC continuous
- Input Frequency: 47-63 Hz
- Can be configured as a power supply & battery charger
- High efficiency, high power density
- Power Factor Correction
- IP67 sealed
- RS-485 communication
- Input UV/OV protection
- Output OV protection
- Output short-circuit protection
- Over temperature protection



**Size:** 432 x 620 x 88.1 mm  
(19" rack 2U height)

**Weight:** 24 kg

## 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
<b>Operating Temperature</b>	-55 to +100 °C
<b>Storage Temperature</b>	-55 to +125 °C

## Product Description

KMPS04 is a high efficiency and rugged multifunction AC/DC converter unit that can be operated as a power supply unit and a battery charger. It is designed to guarantee high performance in both modes under extreme environmental conditions. It has superior protection features against external faults and disturbances while meeting the major military standards. KOLT's innovative engineering has enabled a compact design of the converter with high power density and performance.

## Designed to Meet

- MIL-STD-461 (D, E, F, G)
- MIL-STD-810

## Screening

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