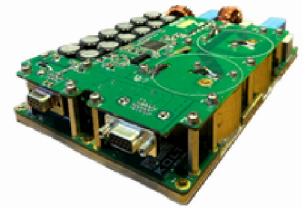


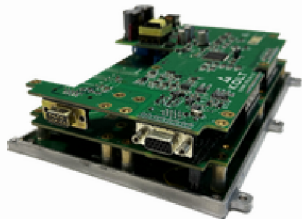
POWER MODULES

SINGLE PHASE PFC MODULE



- Active Power Factor Correction
- 90-265 Vac input (47-63 Hz)
- 400 Vdc output
- Up to 3.5 kW output power
- 1.5 kW, 2.5 kW also available
- Power Factor > 0.99
- Internal input EMI filter
- Active inrush current limiting
- Input UV/OV/OC protections
- Output OV protection
- Communication capability

THREE PHASE PFC MODULE



- True 3-Phase Power Factor Correction (Without Neutral Wire)
- 360-528 Vac(II) input (47-63 Hz)
- 400 Vdc output
- Up to 3.5 kW output power
- 1.5 kW, 2.5 kW also available
- Power Factor > 0.99
- Internal input EMI filter
- Active inrush current limiting
- Input UV/OV/OC, OT protections
- Output OV/OC and short circuit protections
- Communication capability

ISOLATED DC/DC CONVERTER MODULE



- 250-425 Vdc input voltage
- Different output options: 12, 15, 28, 36, 48 and 270 V
- Up to 3.5 kW output power
- 1.5 kW, 2.5 kW also available
- Input UV/OV/OC, OT protections
- Output OV/OC and short circuit protections
- Communication capability

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KOLT

**MILITARY POWER
SOLUTIONS**

BRICK MODULES

VPX POWER SUPPLIES

POWER SUPPLIES / BATTERY CHARGERS

PASSIVE EMI FILTER MODULES



- Quarter Brick package
- 9-70 Vdc input voltage
- 20 A output current
- 100 Vdc transient
- Designed to meet:
 - MIL-STD-461 (D,E,F,G)
 - MIL-STD-810 (G,H)

NON-ISOLATED DC-DC CONVERTERS



- 1/16th Brick package
- 9-40 Vdc input voltage
- Up to 300 W output power
- 100 W and 200 W also available
- Different output options: 3.3, 5, 12, 15, 24, 28 V
- 93.6% peak efficiency
- Designed to meet:
 - MIL-STD-704 (D)
 - MIL-STD-1275 (D)
 - MIL-STD-810 (G,H)

ISOLATED DC/DC CONVERTERS



- Quarter Brick package
- 16-40 Vdc input voltage
- Up to 300 W output power
- 100 W and 200 W also available
- Different output options: 3.3, 5, 12, 24, 28 V
- 93.4% peak efficiency
- Designed to meet:
 - MIL-STD-704 (D)
 - MIL-STD-1275 (D)
 - MIL-STD-810 (G,H)

PACKAGED BRICK MODULES



- Isolated, Regulated, Rugged DC-DC Converter Module
- 16-40 Vdc input voltage
- Internal input EMI filter
- Active clamp circuitry, surge&spike protection included
- Up to 300 W output power
- Different output options: 3.3, 5, 12, 24, 28 V

SOSA ALIGNED VPX DC/DC POWER SUPPLY



- 16-40 Vdc input voltage MIL-STD-1275E
- 12 Vdc primary, 3.3 Vdc auxiliary isolated outputs
- Up to 330 W output power
- EMI Filters Included
- Designed to meet:
 - MIL-STD-461 (D,E,F,G)
 - MIL-STD-704 (D)
 - MIL-STD-1275 (D, E)
 - MIL-STD-810 (G,H)

AC/DC PACKAGED VPX POWER SUPPLIES



- 3-ph 115 V ungrounded AC input per MIL-STD-1399B
- Input Frequency: 47-63 Hz
- Fully isolated outputs
- 28 Vdc Output – 9 Channels
- 220 W Output power per channel
- N8 Vdc Output – 15 W
- Discrete Outputs & Inputs
- Built-In-Test (BIT)
- RS422/485 Interface
- 3U VPX form factor enclosure
- Baseplate cooled

DC/DC PACKAGED VPX POWER SUPPLIES



- 16-40 Vdc input voltage per MIL-STD-1275E
- 28 Vdc output – 16 Channels
- Different output options: 3.3, 5, 12, 24, 28 and 48 V
- Up to 300 W output power per channel
- Delivers power up to 4 kW in parallel use
- Qualified to MIL-STD-1275, MIL-STD-810G, MIL-STD-461G

19"/2 RACK MOUNT UNITS



- 19"/2 form factor, 2U height
- 90-265 Vac input (47-63 Hz)
- 3-phase input option also available
- Different output options: 12, 15, 28, 36, 48 and 270 Vdc
- Up to 3.5 kW output power
- 1.5 kW, 2.5 kW also available
- Power Supply & Battery Charger modes can be selected
- IP-67 sealed
- Multiple units can be used in parallel

19" RACK MOUNT UNITS



- 19" form factor, 2U height
- 3-ph 90-265 Vac input (47-63 Hz)
- 1-ph input option also available
- Different output options: 12, 15, 28, 36, 48 and 270 Vdc
- Up to 9 kW output power
- Communication capability
- IP-67 sealed

POWER SYSTEMS



- 19" form factor, 2U height
- 2 units can be paralleled in the same shelf
- Up to 7 kW total output power per shelf
- Different output options: 12, 15, 28, 36,48 and 270 Vdc
- IP67 sealed

POWER SYSTEMS



- 19" form factor, 2U height
- Multiple units can be paralleled
- Up to 9 kW output power per unit
- Different output options: 12, 15, 28, 36,48 and 270 Vdc
- IP67 sealed