

MODULAR POWER

ELEK-TECH ELECTRONIC SYSTEMS LIMITED Newsletter

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NanoX Electronic PSU Payload Modules

Working closely with GAIA Converters in the UK ELEK-TECH Electronic Systems Limited UK are developing a range of COTs power modules suitable for Aerospace, Naval and Land Applications. The Payload modules offer a ruggedized small form factor (SFF) based on our ruggedized version of Vita 74 Open Standard.

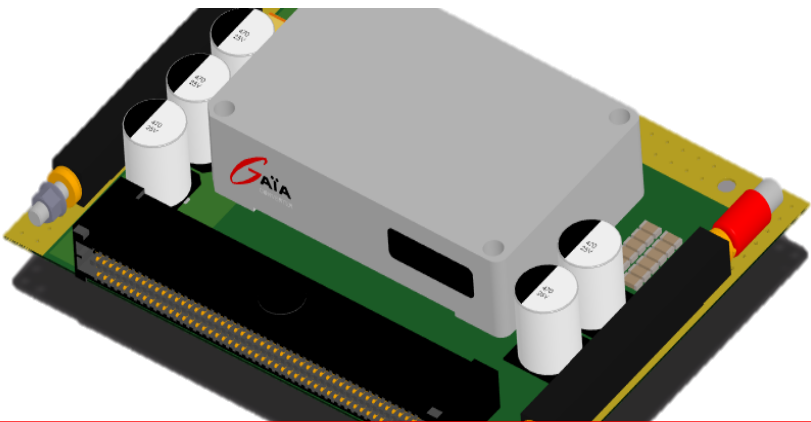
Primary Features of the PSU Payload Modules

- ⇒ Ultra-wide Input 16-80VDC
- ⇒ 28VDC Input compliance with MIL-STD-704A/D/F & MIL-STD-1275A/B/C/D
- ⇒ For Land Applications 24VDC input compliance with DEF-STAN 61-5 Part 6 Iss.6 & MIL-STD-1275A-D
- ⇒ High Efficiency (typ.86%-90%)
- ⇒ Temp Range -40 to +95°C (optional -55°C)
- ⇒ Galvanic Isolation 1500VDC
- ⇒ No Optocoupler for High Reliability

“Next Generation of COTs Modular Power Electronic Payload Modules for Harsh Environments.”

Why NanoX ?

Our NanoX Payload Modules can be configured to be a standalone Electronics Payload module or scaled up to provide a Multi Payload Modular System.



NanoX Primary Power Module