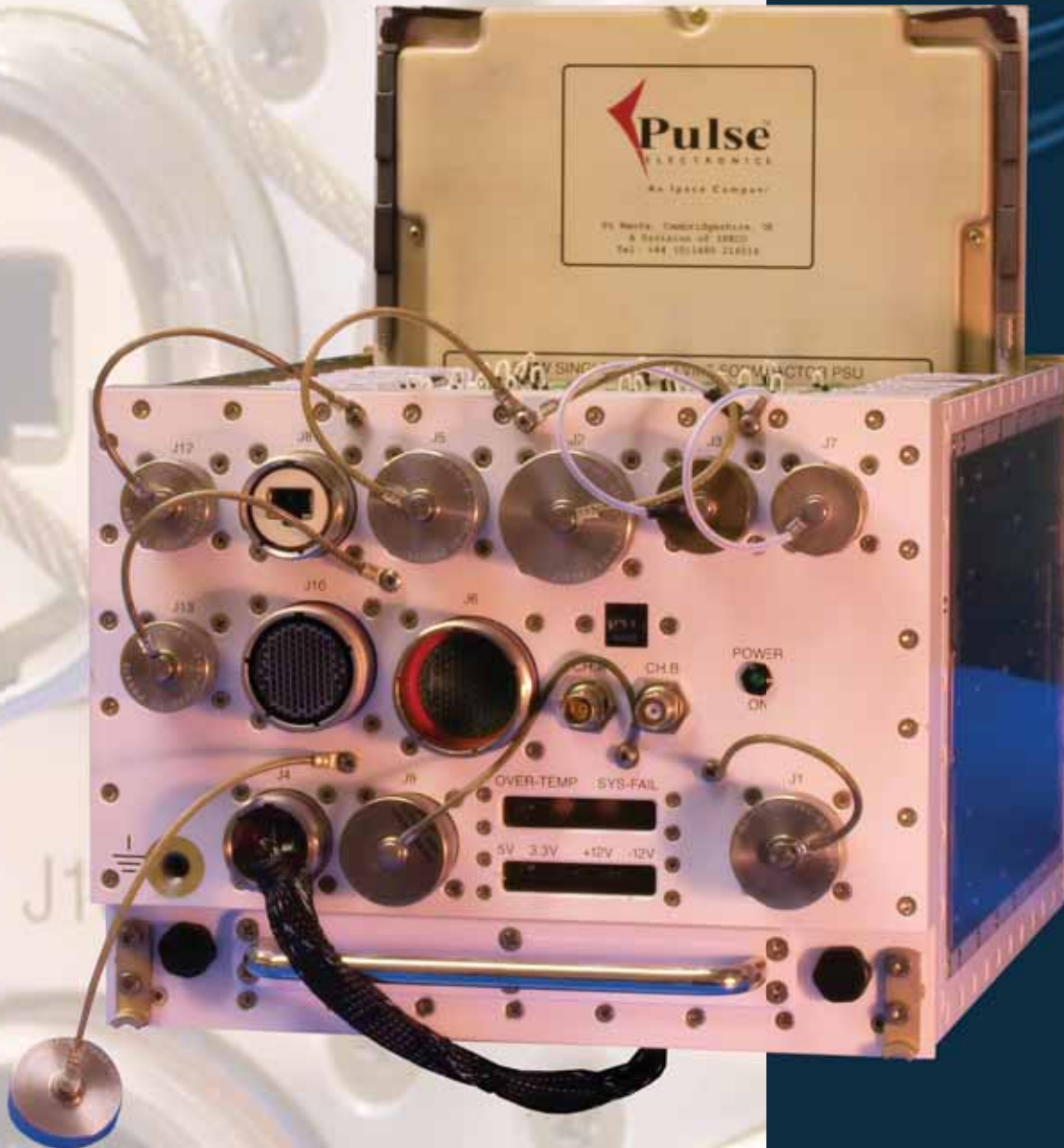


Leopard Power System

VME Power Systems Optimization using liquid cooled rack system

PulseTM
ELECTRONICS
An Ipeco Company



- ELMA have developed a Liquid Cooled Rack system that requires up to a 1000 Watts of Power Supplies configured into two VME slots
- The liquid cooling system is capable of removing more than 100Watts per VME slot.
- Pulse Electronics have developed various VME Standard power supplies that are capable of providing 500W multi output supplies, see Leopard Series Specifications

Pulse Electronics

Brigade House Alington Road Little Barford
St. Neots Cambridgeshire PE19 6WG England
Tel: +44 (0)1480 216516
Fax: +44 (0)1480 472428
Website: www.ipeco.co.uk
email : sales@pulse-electronics.co.uk

Pulse Electronics is a division of Ipeco Holdings Ltd.

Leopard Series

3 Phase configurations



Three Phase fully Safety Isolated Power Structure using state of the art planar multi layer three phase construction

Full Input EMI structure

Intelligent Controller with associated EMI screened various output drives

Multi Functional fully Safety isolated auxiliary supply

3 Phase configurations

- Design of Three Phase Input 115VRMS to multi output requirements
- Will meet **all known and developing** Three Phase Harmonic Aviation Standards including those from Boeing and AirBus
- This is configured to have the computed intelligence required for a cooler system – As needed for either a Galley system or an Air Cooled Structure
- Full information can be provided if requested of the current build which is in a separate overall heat sunk assembly
- Future developments include configuring this into a VME 6U single slot structure for both the above cooler requirements and for the more conventional requirements, see below

Future Developments include fitting into a single VME slot

- Three phase 115V 400Hz variable 350Hz to 780Hz to 28V DC at 500W
- Three phase 115V 400Hz variable 350Hz to 780Hz to 48V DC at 500W
- Three phase 115V 400Hz variable 350Hz to 780Hz to 5VDC at 60A plus Output
- Three phase 115V 400Hz variable 350Hz to 780Hz to 5VDC at 30A, 3V3 at 20A and +/-12V at 2.5A with common output zero voltages