

**Aplab**

**GROUND POWER UNIT**  
APGPU-MIL



**Nonstop  
Performance.**



## APGPU-MIL

APGPU-MIL from Aplab is a mobile, military grade, frequency converter, with a low ripple 3000W DC source to support your most demanding AC and DC equipment.

APGPU-MIL provides peak power at a constant frequency of 400 Hz for all your stringent defence aviation requirements. A built-in low-ripple, medium-power DC source ensures stable power for all your field DC equipment.

APGPU-MIL incorporates Aplab's unique Power Boost technology that can sustain high in-rush aviation motor loads for over ten seconds.

In Power Boost Mode, the constant current operation feature automatically limits the output current to the rated value to allow your high in-rush current motor loads to reach steady state operation.

Power Boost makes it highly suitable for loads like motors, compressors, transformers and other high inrush loads, and even cyclic industrial loads with switching characteristics are handled smoothly.

Power Boost ensures that output short-circuits can be sustained for 10 seconds while supplying twice the output current for fusing or clearing the fault.

APGPU-MIL has industry leading reliability. Our MTBF numbers are some of the highest in the industry. Aplab's unique Power Boost technology uses sophisticated digital signal processing algorithms to ensure high reliability.

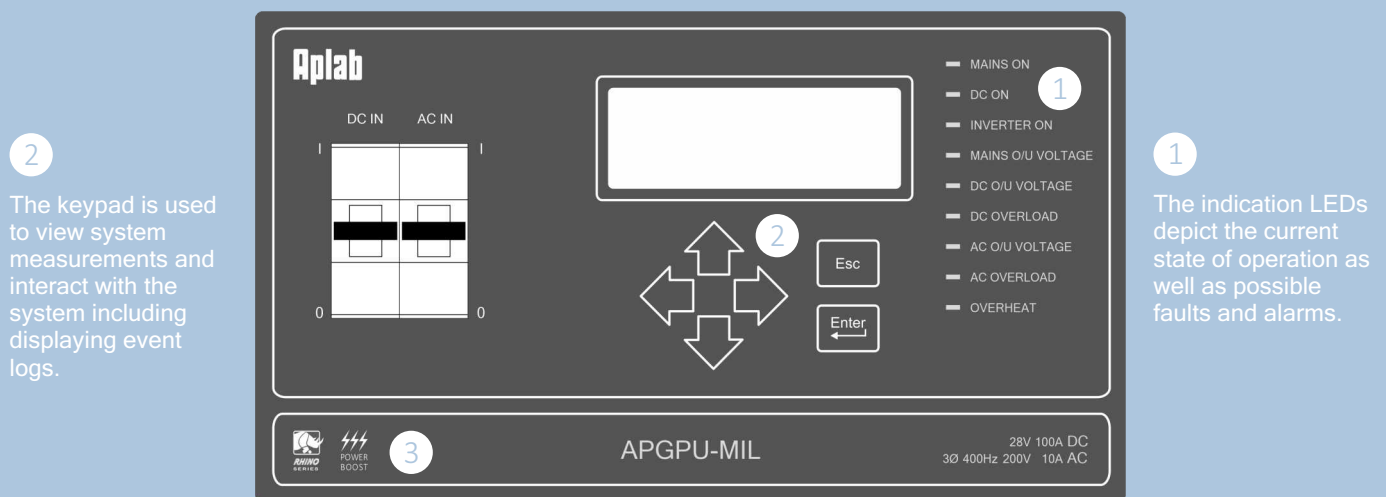
The APGPU-MIL has intensive monitoring of power through high-performance IGBT switches and magnetics to ensure that the power electronics operations are always below critical threshold values, leading to increased life spans for critical devices.

Built-in large event and fault logs capacity (over 500 events) allow for fast fault detection and repair. Combined with Aplab's award winning pan-India service support means reduced down-times for you!

Improved user accessibility with advanced features like remote run-time, monitoring, and control via RS-485 and optional LAN Ethernet.

Built-in Galvanic isolation ensures clean power is always supplied despite any input power disturbances. APGPU-MIL's clean power will ensure that your equipment will always operate under optimal power conditions, which will increase your equipment life.

APGPU-MIL is designed for Nonstop Performance.



2 The keypad is used to view system measurements and interact with the system including displaying event logs.

1 The indication LEDs depict the current state of operation as well as possible faults and alarms.

3 Unique power boost technology built-in



[www.aplab.com](http://www.aplab.com)

**Aplab**

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