



Astec 042-66146400 Power Supply Module Control Board 100-250V~ 2.3A 50-60Hz

The **Astec 042-66146400 Power Supply Module Control Board** (LPS63 series) is a versatile industrial-grade power supply designed for reliable performance in diverse environments. With wide input capability — **100-250 VAC @ 2.3 A (50/60 Hz/440 Hz)** or **120-300 VDC @ 1.5 A**— it delivers a regulated **+12 V DC output at 6.7 A**, providing up to **60 W** of continuous power (or **80 W** with 30 CFM forced-air cooling). Crafted for minimal footprint and optimal thermal management, this module is ideal for embedded controllers, instrumentation panels, and industrial automation systems. Built by **Astec**, a trusted name in power electronics, and manufactured in the **Philippines**, this board balances performance, durability, and safety in high-demand applications.

Key Features:

- Flexible input support: 100-250 VAC or 120-300 VDC for worldwide compatibility
- Reliable 12 V output at 6.7 A (60 W), meeting power needs for DSPs, sensors, and relays
- Efficient convection cooling, upgradable to 80 W with forced-air (30 CFM)
- Compact control-board design simplifies integration into tight spaces
- Manufactured to international standards with robust insulation and safety measures


Specifications:


- **Model:** 042-66146400 (LPS63 series)

- **Alternate Codes:** D4560003288, 1516RAE C, 1194V0Z, 85261001500 Rev AB, Hipot 155-10C P2
- **Input Voltage:**
 - AC: 100-250 VAC @ 2.3 A, 50/60/440 Hz
 - DC: 120-300 VDC @ 1.5 A
- **Output:** +12 V DC @ 6.7 A
- **Total Output Power:** 60 W (convection), 80 W (forced-air)
- **Cooling:** Convection; 30 CFM forced-air optional
- **Regulatory:** Built to meet industrial safety/testing standards
- **Country of Manufacture:** Philippines
- **Weight:** 280 g

Engineered by **Astec**, renowned for dependable power solutions, the **042-66146400** module ensures stable, high-quality power delivery for critical control electronics and automation systems. Whether deployed in instrumentation racks, embedded controllers, or industrial machinery, its robust design and flexible inputs make it a dependable choice for professional applications. Choose the LPS63 series board for your next system integration to experience efficient power delivery, compact design, and long-term reliability.

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