

MYRIAD DUAL-PHASE POWER CONVERTER

STABLE | EFFICIENT | BUILT FOR PERFORMANCE

At Myriad, we prioritize efficiency and reliability in every power solution we provide. Our latest **Dual-Phase Power Converter** is designed for seamless integration into **340-640V AC systems**, ensuring precise and stable **12V DC output** with built-in battery thermal monitoring.

KEY FEATURES & PERFORMANCE

- **Input: 340-640V AC (Two-Phase)** – Designed for high-performance industrial applications
- **Output: 12V DC** with integrated **thermal battery sensor** for optimal efficiency
- **Max Power Output: 280W**, supporting up to **20A output current** at 14V DC

COMPACT & DURABLE DESIGN

- **Dimensions:** 242mm x 208mm x 133mm (excluding harness)
- **Mounting:** Four oblong fixing points (10x20mm) for secure installation
- **Grounding:** M8 ground stud for enhanced electrical safety

ADVANCED CONNECTIVITY & SAFETY

- **Input Connector:** Amphenol **AT04-3P-SR01 BLK** or equivalent
- **Output Power Connection:** Standard **M8 terminals** for stable power distribution
- **Battery Temperature Sensor:** Ensures continuous monitoring for improved battery longevity
- **Integrated Surge Protection:** Requires **4Amps time-delay fuse or breaker** for safe operation

SIMPLE TWO-PHASE CONFIGURATION

This power converter seamlessly integrates into any two-phase main system, with no specific phase order required—ideal for industrial and high-demand environments.

For expert installation guidance and compatibility details, contact Myriad today!

