

# PoWerMaster ADV<sup>®</sup>

## ADVanced PWM Technology

### 45kVA to 180kVA Solid State Frequency Converters



## DESCRIPTION

The Hobart PoWerMaster ADV<sup>®</sup> horizontal mount, solid state frequency converter combines state-of-the-art technology and over 55 years of ground power experience to provide the highest quality power under the most demanding conditions. User friendly controls and a superior diagnostic system result in a converter that is easy to use and requires minimal training. With a wide array of output ratings available, optional 28.5 VDC output and a broad choice of input voltage configurations, this unit has the versatility to provide power to all aircraft from the smallest commuter airplanes to the largest wide-body jets. State-of-the-art design, ease of use, and power reliability are among the many reasons the PoWerMaster ADV has set a new industry standard.

## OPTIONS

- Dual output (not with DC option)
- 28.5VDC output (45, 60, 90 kVA models only)
- 600V 50/60 Hz line input
- 208 or 240V 50/60 Hz lineinput (45 & 60 kVA models only)
- Bridge mounting kit
- Trailer
- 12 pulse input current harmonic kit
- Remote control module
- CE Kit

## FEATURES AND BENEFITS

- State-of-the-art ADVanced PWM switching technology
- Clean, reliable power
- NBPT compatibility
- Lightest weight in the industry
- User friendly controls
- Easy access for service
- Rust-free aluminum enclosure
- Built-in input power circuit breaker
- Memory stores 200 events for > 30 years
- Measures power flow (kwh)
- High efficiency for low operating costs
- ETL (UL 1012) Certification, CSA
- CE compliant
- Advanced diagnostics
- RS232 Communication Port
- Built-in Line-Drop Compensation
- Simplified fault reporting & maintenance
- Protected against input micro-breaks