28 VDC POWER SUPPLY

- Outdoor rated
- Portable
- Lightweight
- 400 to 2000A Output
- 400 Hz Aircraft Cable Input/Feedback
- 28VDC Output
- Low DC Voltage Loss
- Voltmeter & Ammeter
- Controls and Indicators
- Panel Light
- D.C. Cable Rack
- Aircraft Protection

MCM Engineering's 28VDC Power Supply is designed for use with parked aircraft requiring 28VDC ground support equipment. This unit is used in conjunction with a 400 Hz power source, transforming 400 Hz, 115VAC power to 28VDC. The power input receptacle accepts a standard 400 Hz aircraft cable connector. The Power Supply can be moved from gate to gate increasing airport parking configuration. The ability to place the Power Supply in close proximity to the aircraft insures a minimal DC voltage drop ultimately improving the quality and amount of power delivered to the aircraft. The unit is complete with a voltmeter, ammeter and protective circuits. The unit has low ripple DC as the ripple frequency is 400Hz. The MCM Power Supply is the perfect piece of equipment for RJ's, commercial prop, or military aircraft. It adds flexibility in aircraft usage for any airport/airfield parking position.
PORTABLE 28 VDC POWER SUPPLY
Part Number: DB03-5858

SPECIFICATIONS

INPUT: 400HZ, 115/200V
INPUT CURRENT: 130 AMPS
(45 KVA @ 1600A OUTPUT)

OUTPUT: 28.5 VDC
400A CONTINUOUS
1000A 5-MINUTES
1600A 1 MINUTE
2000A 10 SECONDS

METERING AND CONTROLS:
OVER VOLTAGE
OVERLOAD
DIGITAL VOLTMETER
DIGITALammeter

LIGHTS:
OVER VOLTAGE
OVERLOAD
POWER AVAILABLE
CONTACTOR CLOSED

CONTROLS:
CONTACTOR ON
CONTACTOR OFF
LAMP TEST
RESET

FEATURES:
DC CABLE RACK
FRONT LIT PANEL
INPUT AIRCRAFT RECEPTACLE
WITH E/F FEEDBACK

WEIGHT: 400 LBS

MCM
ENGINEERING, INC.