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.
FIXED 28 VDC POWER SUPPLY
Part Number: DB10-6186

SPECIFICATIONS

Input: 400Hz, 115/200V, 3ph
Input Current: 130 A
(45kVA @ 1600A Output)
Output: 28.5 VDC
  400A Continuous
  1000A 5 Minutes
  1600A 1 Minute
  2000A 10 Seconds

Metering and Controls:
  Over Voltage
  Overload
  Voltmeter
  Ammeter

Lights:
  Over Voltage
  Overload
  Power Available
  Contactor Closed

Controls:
  Contactor ON
  Contactor OFF
  Lamp Reset

Features:
  Front Panel Light
  Input Aircraft Receptacle
  Oversized Heat Sink and Diodes

Weight: 375 LBS