

RF-5055PS
AC/DC POWER
SUPPLY



The RF-5055PS AC/DC power supply provides a regulated 26.4 volts DC at 18 amps in a low-profile package for use with the RF-5833H-PA 150-watt power amplifier in tactical installations with duty cycles up to 20%.

When used with the RF-5056PS DC/DC converter, the RF-5055PS is designed to supply power to the auxiliary input of the RF-5056PS to conserve vehicular battery life when AC power is available. A 9-foot AC power cable is included.

The RF-5055PS may be mounted on the RF-5071VSM-03 shock mount for use in the most severe environments. The unit price includes a 9-foot (2.7 m) AC power cable.



General / Electrical

- **Input Voltage**
115/230 VAC 47-63 Hz
- **Power Factor (typical)**
70% lagging
- **Output Voltage**
+26.4 VDC
- **Output Current**
16 Amps continuous at 25°C
12 Amps continuous at 70°C
22 Amps max
- **Regulation, Line Load**
50 mV; 300 mV
- **Efficiency**
85% at 18 Amp load
- **Thermal Protection**
Heatsink exceeds 100°C

Mechanical / Environmental

- **Size**
7.5 in W x 11.5 in D x 2.25 in H
(19.1 cm W x 29.2 cm D x 34.5 cm H)
 - **Weight**
8 lbs (3.6 kg)
 - **Finish**
Color Green: 383
Finish: CARC
 - **Cooling**
Conduction to outside heatsink
 - **Temperature**
Operating -65°F to +160°F (-54°C to +71°C)
 - **Altitude**
15,000 feet operating
15,000 feet non-operating
 - **Humidity**
MIL-STD-810E Method 507.3, Procedure I, Natural, Constant High Humidity.
(NEED NUMBER)
 - **Shock/Vibration**
MIL-STD-810E Ground Mobile
 - **AC Power Cables**
*10181-9831-009 US (NEMA 5-15P)
10181-9809-009 UK/Ireland (BS 1363)
10181-9814-009 EU (CEE 7)
 - **Additional Cables**
10181-9833-010 Connects RF-5800H Series PA to supply

10570-0716-A006 Connects RF-5800V-V and RF-5800M-V vehicular adapter kits and AN/VRC-103 to Supply
- *Included

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Specifications are subject to change without notice.