



**L3HARRIS™**  
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# RF-5055PS

## AC/DC Power Supply

GENERAL	
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

PHYSICAL	
Dimensions	2.25 H x 7.5 W x 11.5 D in (34.5 H x 19.1 W x 29.2 D cm)
Weight	8 lbs (3.6 kg)
Color/Finish	CARC Green

ENVIRONMENTAL	
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
Shock/Vibration	MIL-STD-810E ground mobile

CABLES	
<b>AC Power Cables</b>	
*10181-9831-009	US (NEMA 5-15P)
10181-9809-009	UK/Ireland (BS 1363)
10181-9814-009	EU (CEE 7)
<b>Additional Cables</b>	
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



The RF-5055PS is a low-profile solution providing a regulated 26.4 volts DC at 18 amps. The power supply is designed for use with the RF-5833H-PA 150-watt Power Amplifier in tactical installations with duty cycles up to 20%. When paired with the RF-5056PS DC/DC converter, the RF-5055PS supplies available AC power to the auxiliary input of the DC/DC converter to conserve vehicular battery life. The RF-5055PS may be mounted on the RF-5071VSM-03 shock mount for use in harsh environments.

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