



MB-MPPS-II  
For GI/Motorola  
Housings



MB-MPPS  
For Jerrold  
Housings

## GI/Motorola® MB (Mini Bridger) Power Supplies MB-MPPS and MB-MPPS-II

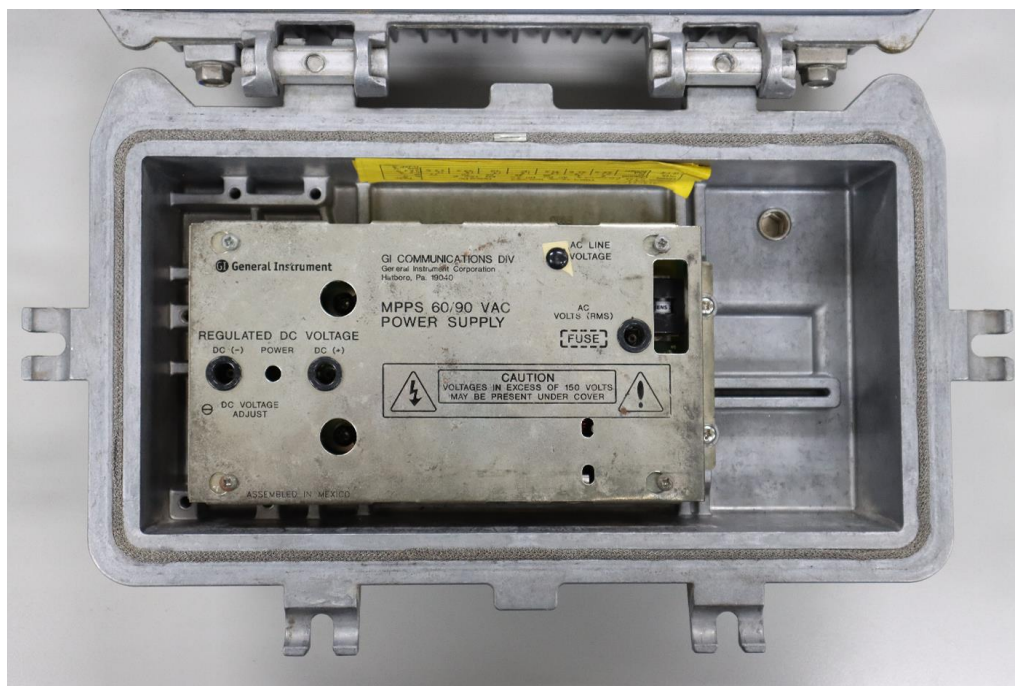
The Moto MB power supplies are design so that they can be installed into the older Jerrold or the newer GI/Motorola top housings. The power supply accepts a quasi-square wave input between 45 and 90 VAC to provide a +24 VDC 1.8 Amp output to the RF module. Built into the power supply is a triac surge protection. The power supplies can be used to power to OEM GI/Moto RF modules or the ACI ASEM 1G and 1.2G drop in upgrade modules. To improve the efficiency and lower the current consumption the operation voltage range of the ACI Moto MB power supplies is 45 to 90 VAC and the original OEM power supplies have an operating voltage range of 38-90 VAC.

## Specifications

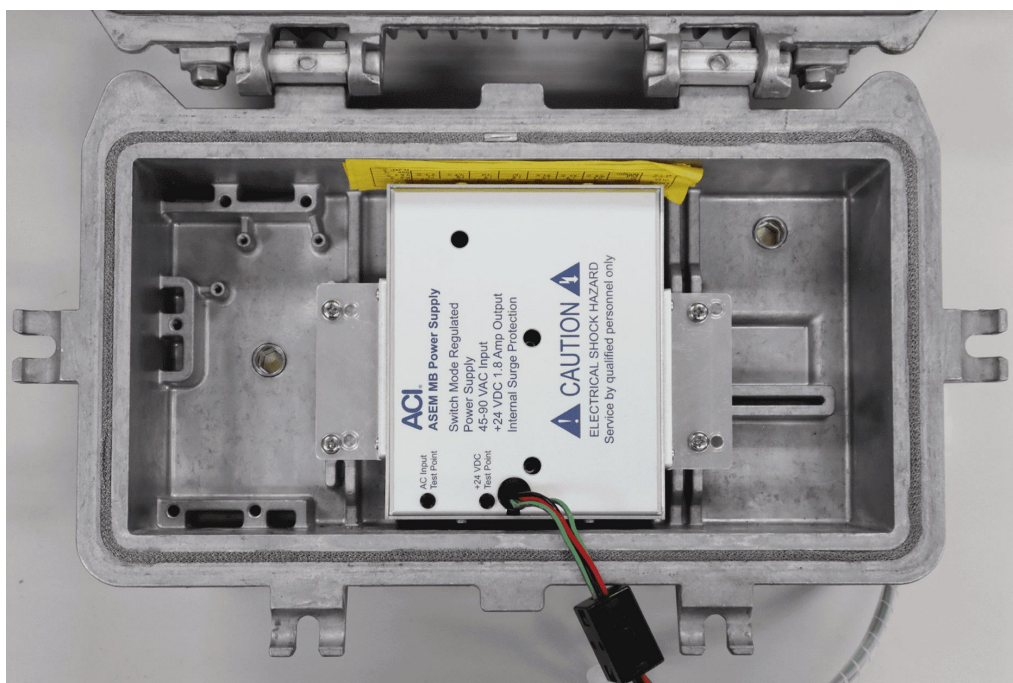
ACI POWER SUPPLY FOR MOTO MB		MB-MPPS & MB-MPPS-II	
Specifications	UNITS	SPECIFICATION	
Input Voltage Range	Vrms	45 - 90	
Input Line Frequency Range	Hz	47 - 63	
Output Voltage Ranges. (For All Input Voltage Ranges and Temperatures)	Vdc	24 ± 0.5	
Output Current Range	A	0 – 1.8	
Output Ripple (pk-pk, DC~30MHz)	mV	30 Max.	
Short Circuit Duration	Time	Continuous	
Input Surge Protection Range(s). Input surge test requirement (When installed in the amplifier)- IEEE C62.41 Class B3 Combination wave using A2 OHM source impedance	Vpeak	6000 VOLT SURGE	
Minimum Input Voltage	Vrms	<44	
Efficiency at Full Load High Line (90 Vac)	%	>85	
Input Power Factor	W/VA	>0.6	
Low Voltage Cutoff "LVC"	Vrms	42 ±1.5	
Minimum Restart Voltage	Vrms	42 ±1.5	
<b>Environmental</b>			
Operating Temperature	°F (°C)	- 40 to + 185 (- 40 to + 85)	

## Jerrold Housing - MB-MPPS Power Supply

With original power supply installed.

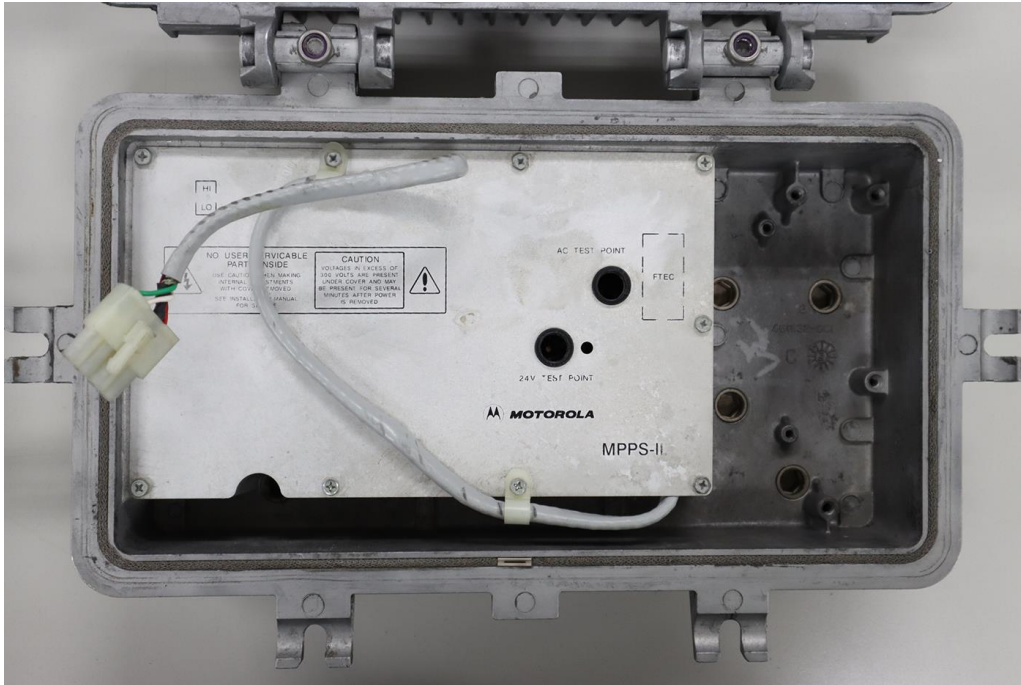


With ACI MB-MPPS power supply installed.

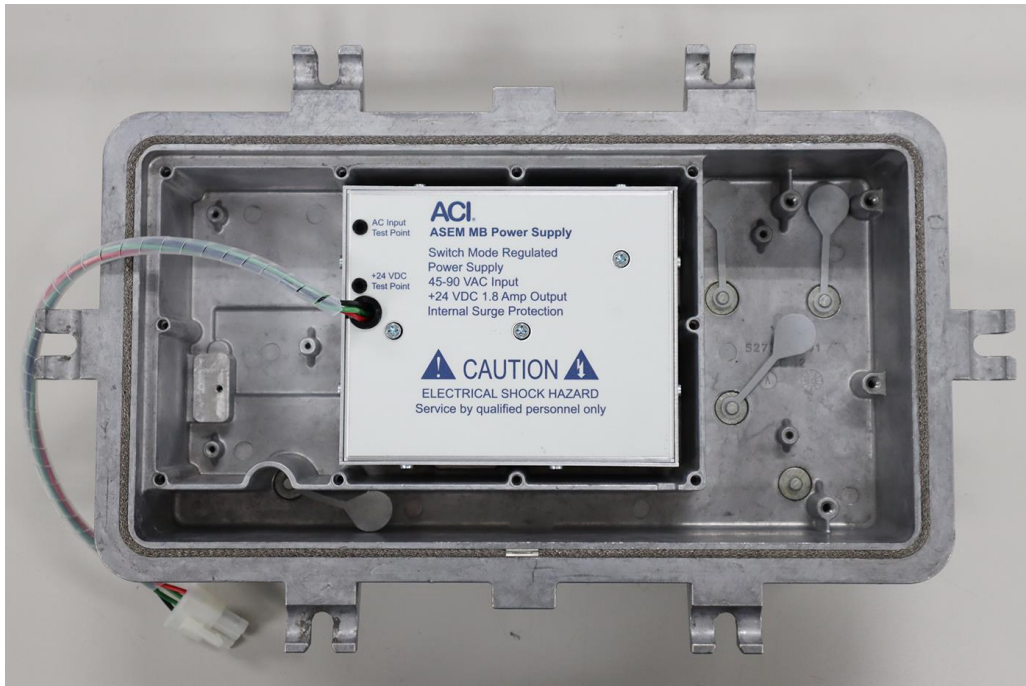


## GI/Moto Housing - MB-MPPS-II Power Supply

With original power supply installed.



With ACI MB-MPPS-II power supply installed.



**ACI**

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