



TECH BULLETIN

TECH BULLETIN NUMBER	0121
PCR	13JAN06-MS4024 SW2.0
SUBJECT	MS4024 firmware update
MODELS AFFECTED	MS4024
REPAIR PROCEDURE	Update control board
WARRANTY	Product improvement Non-warranty item

Was:	Is:	Implication:
v1.9	v2.0	
In charger mode, when the FETs get up to 80°C the charger back off to 50%. When they cool down to 75°C the charger ramps back up to full output.	In charger mode, when the FETs reach 80°C the charger backs off 12.5%, then another 12.5%, then to 50%, then Over-temp.	The objective is to keep charging the batteries and the more evenly load the generator.
Inverter LED and Inv LED on the Remote Blink for high/low battery fault.	Inverter LED and Remote Inv LED are now off for high/low battery fault.	
Voltage overshoot to about 140VAC due to slower regulation	Voltage overshoot is now limited to about 130VAC.	The inverter is able to produce a more accurate output all the time.