



## TECH BULLETIN

TECH BULLETIN NUMBER	0162
PCR	102709
DATE	10/27/09
SUBJECT	MMS added 12v regulator
MODELS AFFECTED	MMS1012 & MMS1012G
REPAIR PROCEDURE	If serial # is below U1-00585 the inverter must come back to magnum for repair
WARRANTY	Non-warranty item

Add a +12 regulator to supply the +3.3V regulator: right now, the +5V regulator supplies the +3.3V regulator. Adding the +12V regulator will remove this burden from the +5V regulator and improve voltage regulation in high ambient temperature situations.