



## TECH BULLETIN

TECH BULLETIN NUMBER	0126
PCR	03222007-MS2x12 SW3.3
SUBJECT	Series Stacker Kit and generator connection stability
MODELS AFFECTED	MS2000 MS2012 MS2812
REPAIR PROCEDURE	N/A
WARRANTY	Non-warranty item

Please call if you have any questions

Was	Is	Implication
v3.2	v3.3	
genset connection unstable at VAC > 80 because of high compare VAC value	Calibrated VAC compare values and raised peak VAC compare to 105VAC (that value not in remote yet) to improve generator connections at 80VAC and above.	<p>AC detection was accomplished by detecting a Peak Voltage only.</p> <p>Now, when the remote is set for 80VAC Drop Out or less an average (slower) response is implemented and the transfer response will be longer. Loads that are on the output of the inverter may exhibit an interruption in power that may cause noticeable user inconvenience.</p> <p>When the VAC dropout setting is higher than 80 VAC, the response time is faster and the transfer to Inverter mode from Charger mode is less noticeable. However, it's more difficult to maintain continuous charger output, because of the Voltage instability/level at the input to the inverter.</p>
Series stacker supported in all models	Series stacker supported in the 24VDC Sine wave models only.	MS4024 is the only unit that can be Series stacked.