

CPM M50 Power Supply/Meter

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REVISION INDEX

REV	DATE	PAGES	BY	DESCRIPTION OF CHANGES
A	1/12/2015	All	LAA	FIRST RELEASE
B	3/23/2015	All	LAA	Removed noisy cap network R49, R50, C37, C38 and replaced with single C37 Removed undervoltage resistors R5, R8 Removed 620K resistors R2, R3 and replaced with series resistors R5, R11, R26, R8, R12, R49, R2, R3 Changed mounting holes to 125mil diameter and changed location on PCB. Changed U2 to a wider input voltage device. Changed R51, R52, and R53 to 10 ohms to increase efficiency Changed C8 to DNP and added C39 in parallel Changed R10 to 7.68 ohms to have chopper turn on at 250VAC. Changed C15 to 22uF and added a second cap C40 and a third C41 Changed C3 to 680uF and added a second cap C42
C1	7/6/2015	All	LAA	Added VR1, R54, R55, C43, FB1 Removed D14, C37 Changed C3 to 680uF and added a second cap C42
D	9/29/2015	All	LAA	Added D14, C44, C45, R56 Removed FB1 Changed value of R3, R8, R12, R49 from 154K to 187K
E	2/26/2016	All	LAA	Increased spacing from primary to EARTH

