SUMMARY OF QUESTIONS

QUESTIONS AND ANSWERS

A1. Can the AC input voltage be changed to a different input voltage?

No – The DLM3/4K supplies are built for specific input voltages and these units cannot be modified by the user for other input voltages.

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A2. Can the DLM3/4Ksupply be controlled by a computer?

Yes; however, computer control does require the M9E (GPIB) option card.

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A3. In need to isolate the remote analog control signals. Is this possible?

Yes, remote analog control can be implemented using the M51A isolated analog interface option.

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A4. Where can I get the M9E or M51A options?

Contact an Ametek Programmable Power Sales representative for more information about ordering these options.

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A5. Can I use the DLM3/4K supply to charge batteries?

Yes; however, a blocking diode is required in series with the battery to prevent the battery from discharging through the supply and causing damage.

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A6. Can the DLM3/4K series of supplies be used to sink current?

No, this family of supply will be damaged if an attempt is made to sink current. It cannot be used as a load.

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A7. Can we drive an inductive load with the DLM3/4K power supply?

Yes; however, a free-wheeling diode must be placed across the output bus bars and series connected diode between the supply, and load must be used to prevent damage from power reflected by the load.

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A8. Can the DLM3/4K power supply be calibrated at the factory?

For calibration services please contact Ametek Programmable Power Customer Care. For general information about calibration please contact the Ametek Programmable Power applications engineer.

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A9. Can the DLM3/4K supply be operated from a single phase AC source?

Yes; however, the AC source must be connected to AC input terminals L1 and L3 only (do not use L2), and the maximum power output is derated to 3 kilowatts. (Voltage * Current must be 3000 or less).

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A10. Can the DLM3/4K power supply be controlled by external analog signals?

Yes, external voltages applied to J3 can control the output voltage and current. Please refer to the operators' manual for instructions on implementing these features.

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A11. Is technical support available for this product?

Yes, please check for contact telephone numbers at www.programmablepower.com. If you decide to call, please have ready the full model number and serial number as printed on the ID label (not on the faceplate). The numbers on the ID label indicate options and/or modifications that may have been installed on the supply; without this information there may a delay or a wrong answer in obtaining technical assistance.

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