



MADCBB, MATDCBB, MASDCBB, & MASTDCBB HEAVY-DUTY DC BARRIER GATE OPERATOR

MEGA ARM OPERATORS » SOLAR POWER

Our Mega Arm operators will work with solar power. Getting the right solar panels and battery combination will depend on the frequency of operation and the location. What will be required are solar panel(s), larger (Ah) batteries and a 24Vac charge regulator. We recommend contacting a local solar company to help you determine what equipment you will need.

NOTES

- Remember that the power transformer on any LiftMaster Mega Arm operator can be switched from 120Vac to 220Vac input by adjusting the wires on the primary side of the transformer. Make sure you do this with the power off, and for solar, you will want the 24Vdc setting. Mega Arm operator connections and wiring for solar panels to operator
- Add extra capacity to the solar panels if DC accessories (ie: loop detectors, radio controls, etc) are attached to the operator board.

WARNING

- **WARNING:** Please consult with our technical department at 800-528-2806 for proper instructions before converting an operator from the factory set 120Vac to 220Vac or 24Vdc solar power.
- Stand-by current: 150-190mA
- Running Current: 4-5A
- It is recommended to use larger batteries than the 7Ah batteries that are standard on the operator. The two required solar panels should be large enough to provide continuous charge for the batteries. The solar panels should be 12-20vdc each, to output 24-40vdc in total. The charge regulator should be set at 27.5vac.

**For more information, please visit www.devancocanada.com
or call toll free at 855-931-3334**