



SOLA TURN

Solar-Powered Turnstiles



www.TURNSTILES.us is leading the entrance security industry in clean-energy solutions with SolaTurn Solar-Powered Turnstiles. The **SolaTurn Power Station** transforms secure entry into a self-contained, solar-powered system, built to last and configurable to your requirements.



SolaTurn Solar Power Station

Modular Energy Platform for
Gates, Turnstiles, Lighting & Security

Cabinet Enclosure:

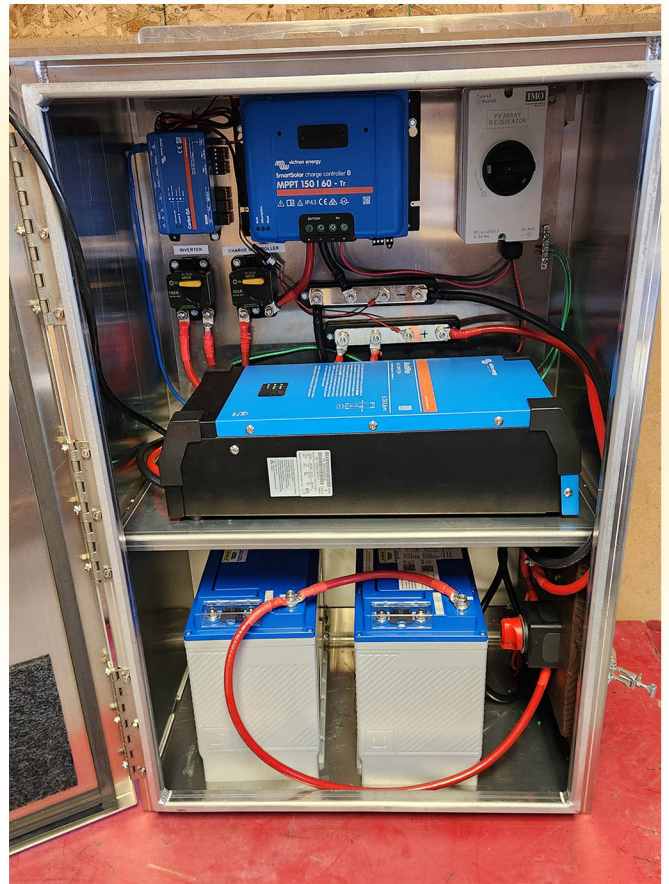
Overall (HxWxD – IN): 40.125 x 25.25 x 17.125

Inside (HxWxD – IN): 35.75 x 23.75 x 14.875

Opening (HxWxD – IN): 31.625 x 21.5

Additional Products & Services

System Expansion
EntraPASS Access Control Software
Portable Turnstiles and Gates
Intercoms and CCTV Cameras
Design and Installation



- **Off-Grid:** No trenching or grid needed
- **Modular:** Sized to fit any project
- **Expandable:** Add panels and battery cabinets
- **Compact:** All-in-one, portable or fixed
- **Reliable:** Discover lithium batteries, long life
- **Rugged:** Built for harsh, remote sites
- **Compatible:** Powers turnstiles, gates, lights etc.
- **Deployable:** Fast setup, plug-and-play

SOLATURN

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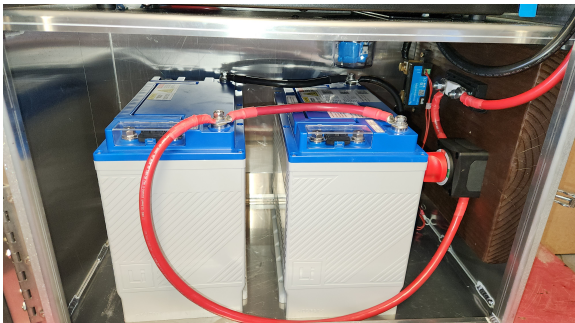
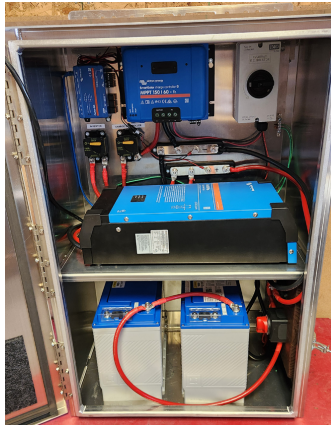
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System Supplies and Materials

- CanadianSolar TOPHiKu6 445W Panels (x4)
- MC4-50-MF-1kV 50 ft. MC4 Solarline 2 Extender Cable
- IMO SI32-PEL64R-4 True DC Solar Isolator
- MNSR-1000 Heyco Strain Relief
- MNSPD-300-DC MidNite Solar Surge Protector for DC
- MNSPD-300-AC MidNite Solar Surge Protector for AC
- Victron SmartSolar MPPT 250/70-Tr VE.Can Charge Controller
- MTW-2-BLK #2 AWG UL MTW Cable, Black (15 ft)
- MTW-2-RED #2 AWG UL MTW Cable, Red (15 ft)
- #2 x 5/16" Stud Ring Connector, Tinned Copper (x4)
- #2 x 3/8" Stud Ring Connector, Tinned Copper (x10)
- HBT-4015-BK Heat Shrink for #4 AWG, Black (x4)
- HBT-4015-R Heat Shrink for #4 AWG, Red (x8)
- Victron VBB 250 4P Busbar (x2)
- Victron MultiPlus 24/2000/50-50 Inverter & Charger
- MEGA-fuse Holder
- MEGA-fuse 200A/80V (5 pcs)
- Victron Battery Switch On/Off 275A
- Bussmann MRCB Breaker 100A
- Victron SmartShunt 300A Battery Monitor
- Discover Lithium Blue 24V 100Ah Battery (x2)
- Victron Cerbo GX MK2 Communication Centre
- VE.Bus to USB MK3-USB Interface
- Ameresco Solar BBA-6 Battery Box
- Bussmann MRCB Breaker 150A
- VE.Direct Cable 1.8M
- RJ45 UTP Cable 1.8M (x3)
- Tamarack Solar Mount Kit 90514
- 2 Discover Lithium Blue 24V 100Ah (~5.1 kWh)