

SOLAR BOSS DRIVE



WHY SOLAR?

- Save money with no external utilities.
- No running maintenance or over head cost on maintaining.
- Autonomous Drive
1 year warranty on controls
- Runs directly off solar power, but has the ability to be grid-tie to utility or generator backup.
- 25 year power output warranty on premium quality solar arrays.
Hail stone rating of 1" hail at 80 MPH
- Free USA Technical support

STATE OF THE ART DRIVE SYSTEMS

Nothing on the market can compare to API's new drive!

Our Solar Boss Drive is an inverter that drives 3-Phase AC motors from DC solar power or 220-240VAC Single Phase.

- Overcurrent or overtorque motor protection
- Real time read-out of frequency, BUS voltage, amperage, and watts.
- Automatic restart
- On/Off Power Switch for easy control
- Double lightening arrestors for lightening surge protection.
- Automatic switch from AC utility/generator to Solar DC power.

The Solar Boss Drive gives customers a solution for remote motor/pump operation needs.



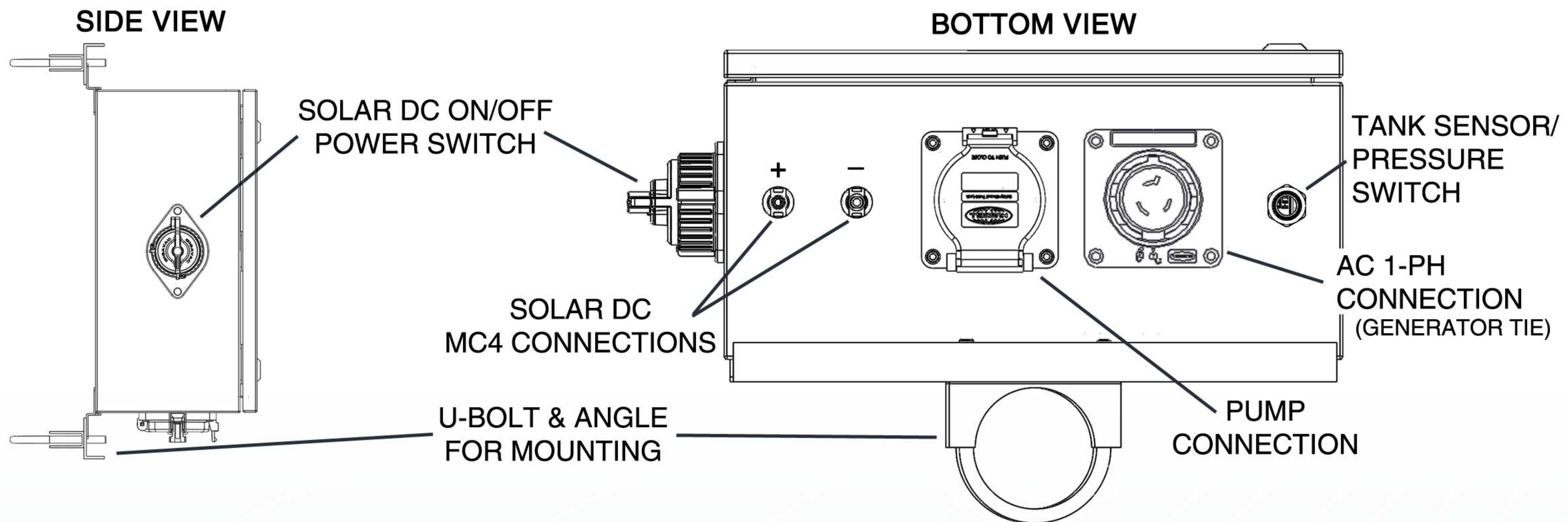
IRRIGATION

MUNICIPAL

**DRIVE POWER FOR
INDUSTRIAL**

AGRICULTURE

DOMESTIC



KEY FEATURES

INVERTER

Capability to drive 3 phase motors from DC solar power or AC 220-240 VAC 1 phase power.

DIGITAL READ OUT

Real time frequency, BUS voltage, amperage, and wattage read outs.

PROTECTION

Motor protection for overcurrent and overtorque. Auto shut-down protection for high driver temperatures.

WATER SENSOR

Electronic water sensing capabilities in both down well or above ground storage applications.

AUTO RESTART

Automatic start up and shut down

CUSTOM ENGINEERED

API's engineers program & spec each Solar Boss to your motor parameters and load situations. Built in high precision PV Array MPPT algorithms to drive the motors at optimum capabilities in various situations.

LIGHTENING PROTECTION

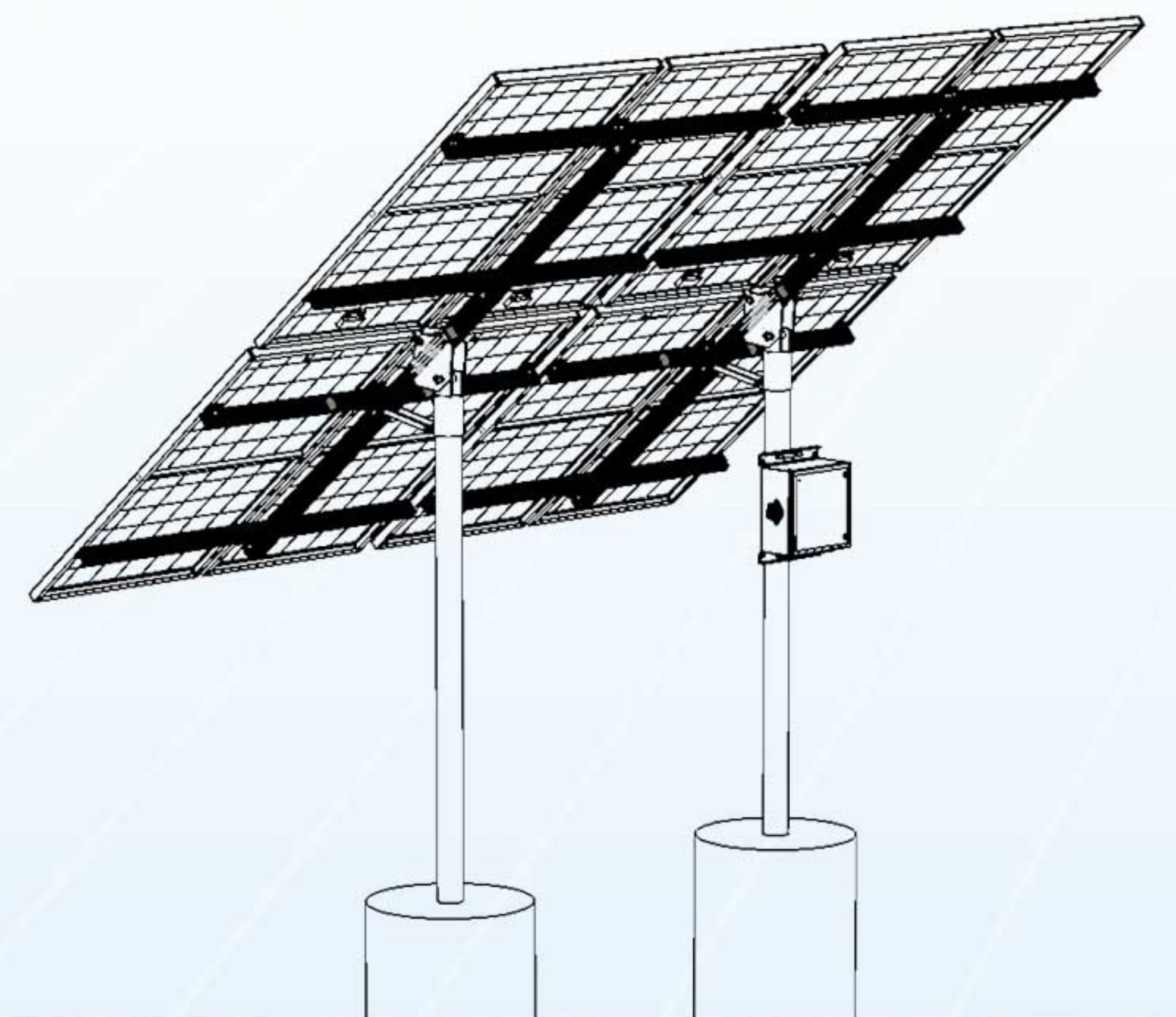
Double lightening arrestors for lightening surge protection with conforma coated circuits.

HARDWARE

Mounted in a steel plated enclosure with a lock latch. Includes aluminum angle to mount with U-bolt on a pole.

SERVICEABLE

Internal components are replaceable without fully replacing the entire Solar Boss.



*Prices may fluctuate due to market costs.