

# SubDriveSolar

SOLAR PUMPING SYSTEM



Continuous data connection for remote telemetry made available via a RS-485 port

IP55, NEMA 3 rated enclosure for outdoor use

DC and AC power supply input. Automatic switching to AC generator backup power if no DC is available from the solar array

Contacts for up to two level control switches (can also operate from a pressure switch, used for long pipe runs)

TRIP contact for flow switch to detect dry run conditions and protect the motor

Easy-to-read, 3-digit, 7-segment LED display provides ease of programming and troubleshooting

Push button navigation for ease of programming and display control

Sliding door protects display from wildlife and environmental abuse

Robust enclosure made of 1.9 and 1.5 mm (14 and 16 gauge) zinc-plated and powder coated steel to stand up to the toughest environmental conditions

Removable bottom gland plate makes conduit installation simple



## Applications

- Livestock watering
- Irrigation systems
- Fountains
- Rural water supply for villages and homesteads
- Tank/Cistern filling
- Wildlife refuge and game farms
- Vineyards
- Renewable energy projects

## Built-in Diagnostics and Protection

The SubDrive Solar products include diagnostic features and built-in protection from potentially harmful conditions:

- Surge
- Underload
- Undervoltage
- Locked pump
- Open circuit
- Short circuit
- Overheated controller
- Dry run
- Reverse polarity

## SubDrive Solar Selector

Franklin's user-friendly SubDrive Solar Selector helps you determine the optimal system for your solar project. Simply input your location, duty requirements, and solar panel characteristics (if known) and the system will automatically recommend the SubDrive Solar model and array configuration that best fits your application.



[www.franklin-electric.com/solar](http://www.franklin-electric.com/solar)

\* Above screen shot is illustrative only and is subject to continuous improvement.