

The SESCO ADI-100 Satellite Synchronized Solid State Current Interrupter

About the ADI-100:

1. Field Tested. This unit has been used in the field for over seven years. The testing has shown the reliability of the hardware and software. IT WORKS!

2. No more synchronization. Once the unit has been programmed for the schedule and times that are to be used, it will operate at the precise time for weeks. This unit has been operational for over 6 weeks at one site.

3. Will interrupt either AC or DC. This allows the user to interrupt individual pipelines, or the entire output of the rectifier on the DC, secondary or primary side of the rectifier unit.

4. The last schedule is maintained in the internal RAM. Should the power of the rectifier be interrupted, the interrupter unit will return to operation once the AC Power has been restored to the rectifier.

5. No power loss from the source. The source of interruption is totally solid state. The resistance of the connection will only be that of the connection cables which are No. 4 welding cables. This means that once the connection is made, the current drop from the unit will be insignificant.

6. Setting the schedule is very easy, and intuitive to learn.

7. This unit is built to last and provide trouble-free operation for many years.

8. We can make the ADI-100 compatible with other units -- call for information.

Specifications:

Clock Accuracy -- 100% during GPS lock

Clock Drift -- .003% per degree C during satellite obscurity

Time -- Updated once per second

Interruption Cycle -- .1 sec. to 3600 sec. (1 hour); **NEW!** - Combine seconds and .1 seconds.

24-Hour Timer -- Sets time of day to start and stop interruption

28-Day Calendar -- Sets which days to interrupt

Interruption Devices -- Solid state DC/AC

Interruption Capacity -- 2000 Watts / **NEW!** - Up to 140 Volts / Up to 100 Amps Max

Battery-Backed RAM -- 10-year battery life; maintains last schedule

Serial Port -- Download schedule

Resynchronize -- Never needed

Display -- 4 line x 20 column LCD

Keypad -- 16 button

Power Consumption -- Less than 1.8 watts

Operation Temperature -- 0° to 150°F

Power Supply -- 80V to 240 V AC or 12 V DC

Case -- Pelican enclosure

Color -- Low-visibility gray

Cables included.



Download ADI-100 Manual (Requires Adobe Acrobat)

ADI-100 Software - Used to set interrupter schedule with a Windows PC. (Windows 98/ME/2000/XP) *Requires COM port and Null-modem cable.*

