

# 2300 ALTERNATIVE ENERGY CONTROLLERS

IRRIGATION



## 510 Series Battery Operated Controllers and Valves



### Features:

- Four button key pad with integrated LCD
- Four start times with run times from 1 minute to 12 hours
- Powered by two 9-volt batteries
- 100% waterproof
- Easy to read AM/PM clock
- 7 day customized programming for intervals between 1 to 30 days
- Available with 3/4-20 threaded solenoid on 3/4", 1" 1 1/2" or 2" valves
- Available with 3/4" and 1" actuators to convert most manual anti-siphon valves
- Rain delay up to 30 days

### Flow Rates and PSI loss for 510 series valves:

#### FLOW RATE

GPM	5	9	13	18	22	26	31	35
3/4"	3	3.5	4.2	6	7.2	8.5	-	-
1"	3	3.0	4.0	4.5	5.0	5.5	7.0	8.5

#### PSI LOSS

#### FLOW RATE

GPM	20	35	45	55	65	90	120	132	154	160
1.5"	2.5	2.8	3.2	3.2	4.2	5.0	6.6	8.5	-	-
2"	2.4	2.6	2.7	2.8	3.1	4.3	5.3	6.0	8.5	9.1

#### PSI LOSS

ITEM	DESCRIPTION
23000520	510.000 BATTERY CNTRL SOLEND
23000540	540.000 4STA DIG BATTER CNTR
23000620	510.011 BATTERY CNTRL ADPT
23000720	510.075 3/4 DIG BTRY CNTRL VL
23000730	510.100 1 DIG BATTERY CNTRL VL
23000750	510.150 1 1/2 DIG BTRY CNTRL V
23000760	510.200 2 DIG BATTERY CNTRL VL



## 1 and 3 Station Battery Operated Controllers and Solenoid Adapter



### Single Station Controller:

- "Watering Time" selector sets the duration of irrigation
- 15 preset durations from 5 min -12 hrs.
- Operation frequency range from once every 45 minutes to once in 21 days
- Single cycle option w/manual override

### Three Station Controller:

- Separate watering durations may be programmed for each valve
- 15 preset durations from 5 min -12 hrs.
- Operation frequency range from once every 45 minutes to once in 21 days
- 12 hour delay allows daytime programming for nighttime operation
- Powered by 2-9 volt batteries; internal bleed and manual override
- Valve may be extended up to 25' from controller with 14 gauge wire

### Solenoid features:

- Waterproof housing for use below grade
- Quick connect adaptor with "O" ring for mounting on 3/4-20 threads
- Valve may be extended up to 25' from controller with 14 gauge wire

ITEM	DESCRIPTION
23000830	336-013 SOLND/VLV ADPT FOR 540
23000840	337-000 CONV SOLENOID FOR 540
23000880	P00-997 ADAPTER FOR RAINBIRD
23000890	P00-999 ADAPTER FOR IRRITROL

## Leit Irrigation Controllers



### Controller Features:

The Leit 4000 and 8000 Irrigation controllers operate with no AC power or batteries. The super tough LEXAN lens protects the high-efficiency photovoltaic module which powers the controller... in any kind of weather!

- No Batteries or AC power necessary
- Longest wire run of any DC controller
- Vandal resistant, waterproof enclosure
- Programming accomplished with only 4 buttons
- Mounts securely onto a galvanized steel mounting tube
- Ideally suited for median strips, highways, golf courses, parks, cemeteries, resorts and more

ITEM	DESCRIPTION
23004020	LEIT-4000 4-STA-CONTROLLER
23004021	LEIT-4006 6-STA-CONTROLLER
23004022	LEIT-4008 8-STA-CONTROLLER
23004023	LEIT-4012 12-STA-CONTROLLER
23004024	LEIT-4016 16-STA-CONTROLLER
23004040	LEIT-4000 32 IN PEDESTAL
23004045	LEIT-8000 35 IN PEDESTAL
23004050	LEIT ENCL-4000 SS V/P ENCLOSUR
23004055	LEIT ENCL-8000 SS V/P ENCLOSURE
23004060	LEIT-4000 PROGRAMING KEY 4000/X
23004100	LEIT-BUCKNER/TORO SOLENOID STD
23004110	LEIT-RAINBIRD B SOLENOID STD
23004140	LEIT-WEATHERMATIC SOLENOID STD
23004145	LEIT-HUNTER/SUPERIOR 10/98 STD
23004150	LEIT-SUPERIOR AFTER 10/98 STD
23004170	LEIT-GRISWOLD SOLENOID STD
23004190	LEIT-IRRITROL/RICHDEL SOL STD
23004210	LEIT-RAINBIRD B SOLENOID EXP
23004250	LEIT-SUPERIOR AFTER 10/98 EXP
23004290	LEIT-IRRITROL/RICHDEL SOL EXP