

Technical Data

Rain Bird > Irrigation Programmers

> ESP-LXME Programmers



DESCRIPTION:

Features

- Quick connection modules, no need to turn off the controller to add/remove modules
- 8- or 12-stations base unit expandable to 48 stations with 8- and 12-station modules
- Flow Smart Module™ factory installed (ESP-LXMEF) or field upgradable (ESP-LXME)
- Dynamic station numbering eliminates station numbering gaps
- Master valve/pump start circuit
- Weather sensor input with override switch
- 6 user-selectable languages
- Standard 10 kV surge protection
- Non-volatile (100-year) program memory
- Front panel is removable and programmable under battery power
- Compatible with Rain Bird landscape irrigation and maintenance remote
- Plastic, locking, UV resistant, wall-mount case, optional metal and stainless steel case & pedestal

Water Management Features

- Optional Flow Smart Module™ with learn flow utility and flow usage totalizer — standard on ESP-LXMEF
- FloWatch™ protection for high and low flow conditions with user defined reactions (requires flow sensor)
- FloManager™ manages hydraulic demand, making full use of available water to shorten total watering time
- SimulStations™ are programmable to allow up to 5 stations to operate at the same time
- Station sequencing by station numbers or station priorities
- Water windows by program plus manual MV water window
- Cycle+Soak™ by station
- Rain Delay
- 365-Day Calendar Day Off
- Programmable Station Delay by program
- Normally Open or Closed Master Valve programmable by station
- Weather sensor programmable by station to prevent or pause watering
- Program seasonal adjust
- Global monthly seasonal adjust

Operating Specifications

- Station run times: 0 min to 12 hrs
- Seasonal adjust; 0% to 300% (16 hrs maximum station run time)
- 4 independent programs (ABCD)
- ABCD programs can overlap
- 8 start times per program
- Program Day Cycles include custom days of the week, Odd, Odd31, Even & Cyclical dates
- Manual station, program, test program

Electrical Specifications

- Power supply voltage: 230 V AC $\pm 10\%$, 50 Hz
- Output: 26,5 V AC 1,9 A
- Power back-up: lithium coin-cell battery maintains time and date while non-volatile memory maintains the programming
- Multi-valve capacity: maximum five 24 V AC, 7 VA solenoid valves simultaneous operation including the master valve, maximum two solenoid valves per station module

Certifications

- cULus, FCC Part 15b, WaterSense (if updated with ET Manager interface), CAN ICES-3(B)/NMB-3(B), CE, IPX4, RCM, Smart Approved WaterMark.

Code	Type	Mod.	Install.	Zone
OPG284	Modular programmer 8 stations, base	F44082S	outdoor	8
OPG337	Flow smart Modular prog. 12 st.	F45122	outdoor	12
OPG280	8 stations expansion module	F42210	ESP-LXME	8
OPG283	12 stations expansion module	F42220	ESP-LXME	12
OPG316	IQ GPRS + 1 year + SIM communication module		IQ4613E	