

Profile Indicator Light

Profile Selector

The M4 is a portable unit with the IPLC energy saving control. There is a cord on each side of the control as shown above. The Male cord plugs into the power source, the load plugs into the Female cord. When plugged in the Profile Indicator Light will be a flashing Green light indicating the cord is ready to accept a load. When plugged in the control case should be above ground level hanging freely and away from hard surfaces. The receptacle portion should also be well above the ground to avoid contact with wet areas. The M4 has the option of two factory set profiles, gas and diesel, that provide power to your vehicle based on the outside temperature. When a load is attached to the M4 the Profile Indicator Light will become solid and it will provide a program that corresponds with the profile for that color. The light combinations and status are shown in the table below.

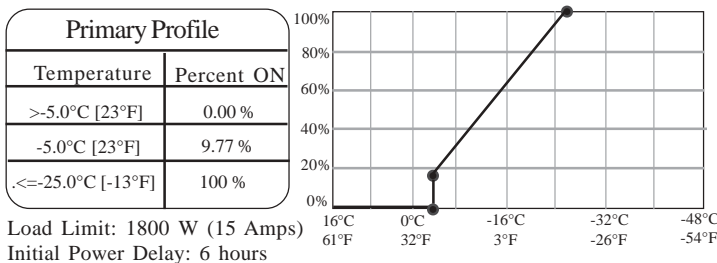
M4 Load Status Lights

Gas Profile	Diesel Profile	Load Attached	Load Status Description
Solid Green	Solid Yellow	YES	All is O.K! Load is accepted. Power will be provided as per the programmed profile for that color.
Flashing Green	Flashing Green	YES	No load is detected.
Solid Red	Solid Red	YES	Load is over the maximum 15 Amp limit. Unplug, reduce the load size and retry.
Rapid Flashing Red	Rapid Flashing Red	YES	Possible short circuit.

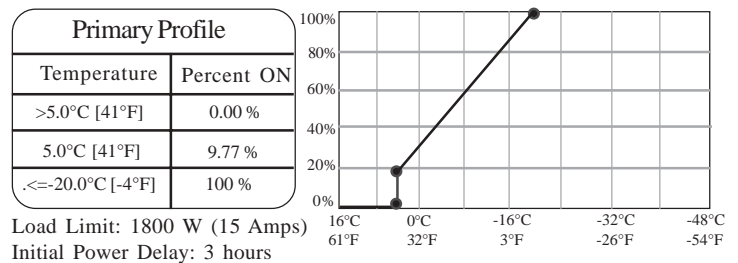
Users can re-assign the profile by holding the Profile Selector. The M4 will scroll through the program profiles available, release when the desired profile color is displayed to set the profile.

The Gas and Diesel profiles have a factory set initial power delay where NO power is provided. The Gas schedule is 6 hours and the Diesel is 3 hours. This can be canceled by first securing an active load, then removing the M4 from the power source (unplugging the device) then immediately plugging the M4 back into the power source. This simulates a power failure and the programmed profile will move straight into the cycling profile skipping the delay.

Factory Pre-Programmed Gas Schedule (GREEN)



Factory Pre-Programmed Diesel Schedule (YELLOW)



Electrical Ratings:


125VAC 60 Hz 12.2Arms @ Tamb = 20°C
125VAC 60 Hz 10Arms @ Tamb = 25°C
125VAC 60 Hz 15Arms @ Tamb = -18°C
125VAC 60 Hz 1/4 HP

Warranty:

The M4 has a 1 year warranty on materials and workmanship. This covers normal use of the product only and does not cover abuse, accidental damage or vandalism.

IPLC Technology Covered By:

Patent # US 5521838, 7642670, 8355832, 9738165, 9634489, 9806524
CDN 2115710, 2598012, 2693569, 2809137, 2868587
Others Pending

 Caution! Not for water immersion, suitable for outdoor use only when clear of standing water. There are no serviceable parts inside, do not use if control case is broken or damaged as risk of electrical shock.

Operation without WIFI

1. Plug the M4 into power source.
2. Wait 30 seconds for the M4 control to boot up.
3. Select desired program by holding the profile Selector.
4. Release Profile Selector when the color of the desired program is displayed.
5. Attach Load: Status will indicate as per the table on reverse side.
6. Initial power delay can be overruled in two ways.
 - Unplug from power source and re-plug in with the load attached (Power Failure simulated moves into profile programming upon power return).
 - With the load attached change the program profile with the profile selector and then back to the original profile. (Moves straight into profile programming without a delay).



CAUTION

Not for water immersion, suitable for outdoor use, when clear of standing water.

Install product above ground level with the receptacle facing downward, and well above the ground, with the control case hanging freely and away from hard surfaces.

No user serviceable parts inside, DO NOT use if control case is broken or damaged as risk of electrical shock.

