Model IP10M220: This model is designed for use with 220 VAC and comes with a dual startup time delay of approximately five (5) minutes or ten (10) seconds delay. The short ten (10) seconds delay time is selected by removing J1 preinstalled jumper. During startup, the LED will blink a red light then flashes green three hundred and eighty (380) times or ten (10) times depending on the timer mode selected (J1 connector). During this time, the protector will check itself and also check for abnormal voltage and ground wiring fault. After the startup period has expired, the LED will illuminate a steady green light which indicates that voltage is being sent to your equipment/appliance. The ultimate then continues its surge protection process by continuously monitoring the input voltage and wiring (ground).

Troubleshooting chart for Model IP10M220

INDICATOR	FAULT CONDITION
GREEN LED FLASH	DELAY TIMER/ STANBY
GREEN LED ON	OUTPUT TURNED ON/NORMAL
RED LED BLINKS SLOW 1 TIME/SECOND	LOW VOLTAGE FAULT
RED LED BLINKS FAST 4 TIMES/SECOND	HIGH VOLTTAGE FAULT