

**Model WP220Q40:** This high current 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. The short ten (10) seconds delay time is selected by removing J6 (pin 4-5) jumper located on the main circuit board inside the protector. 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 delay timer mode selected (J6 connector pin 4-5). During this time, the protector will do a self test 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 appliance/equipment. The main LCD will immediately turn on and display the voltage and current usage of your equipment/appliance. The Backlight for the main LCD is controlled by a blue micro push button installed on the front of the protector. The Ultimate then continues its surge protection process by continuously monitoring the input voltage.

**Troubleshooting chart for Model WP220Q40**

INDICATOR	FAULT CONDITION
GREEN LED BLINK	DELAY TIMER/ STANBY
GREEN LED ON	OUTPUT TURNED ON/ NORMAL
RED AND GREEN LED BLINK AT ONCE	FREQUENCY FAULT
RED LED BLINK SLOW+BUZZER 1 TIME/SECOND	LOW VOLTAGE FAULT
RED LED BLINK FAST+BUZZER 4 TIMES/SECOND	HIGH VOLTAGE FAULT

