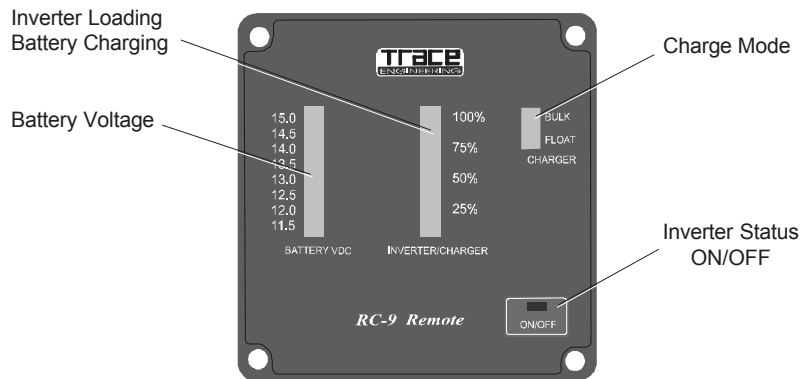




## RC9 Remote Control Operator's Guide



Press the RC-9's ON/OFF switch to turn the inverter OFF or ON.

### ON / OFF Switch and LED Indicator

During normal operation the green LED is ON solid. Whenever the LED flashes slow, it indicates the inverter is in "search" mode (idle). If the LED flashes fast, it indicates an "error" condition. If an error occurs, refer to the inverter's owner's manual for a complete description of the condition.

### BATTERY VDC

The bar graph represents battery voltage in 0.5 volt increments from 11.5 VDC to 15 VDC. Green LEDs indicate optimum voltage between 12 VDC and 14 VDC. A yellow LED indicates a marginally high battery voltage and comes ON when the voltage rises to 14.5 VDC. Whenever voltages rise or drop below recommended limits, high ( $\geq 15.0$  VDC) or low ( $\leq 11.5$  VDC), a red LED comes ON.

### INVERTER / CHARGER

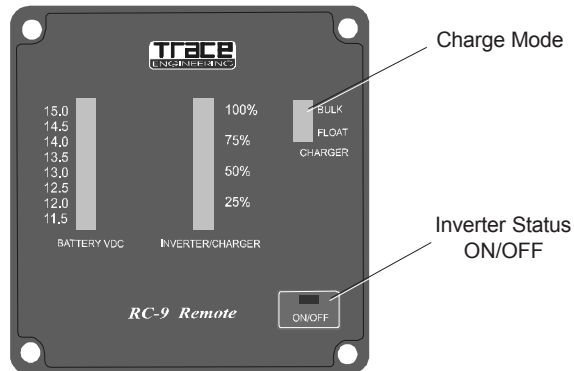
The bar graph indicates either INVERTER or CHARGER operation. Whenever the RC-9's ON/OFF LED is solid green (not flashing), it indicates the INVERTER display mode is active. Whenever the RC-9'S BULK or FLOAT LED is illuminated, it indicates the CHARGER display mode is active.

#### Inverter Display Mode

The display represents inverter loading on a scale from 0 to 100%. The RC-9 automatically calculates the amount of load based on the rating of the inverter (i.e., a 500 VA load on a 1000 VA inverter = 50%; a 250 VA load on a 1000 VA inverter = 25%). All LEDs in the display are red.

#### Charger Display Mode

The display represents battery charging on a scale from 0 to 100%. The RC-9 automatically calculates the charge based on the capacity of the charger (i.e., 65 Amp charger charging at 65 Amps = 100%; 65 Amp charger charging at 32.5 Amps = 50%). All LEDs in the bar graph are red.



## CHARGE MODE

### BULK

The yellow BULK LED (ON solid) indicates the inverter is charging the batteries at a constant current rate, usually after long battery usage. When the battery voltage reaches the inverter's preset limit, the charger will move to its next stage of charging (absorption).

### ABSORPTION

The yellow BULK LED then begins to flash slowly, indicating the batteries are being charged at a constant voltage rate (absorption). As the batteries approach full charge, the current supplied to them decreases. The Absorption stage is active for a set period of time and then switches to the final stage of charging (float).

### FLOAT

The green FLOAT LED (ON solid) indicates the inverter is maintaining the batteries at a constant voltage level, similar to a "trickle" charge. This ensures the batteries are fully charged without overcharging them.