



The Charge Wizard Operation:

While the built-in Charge Wizard[®] automatically determines which operating mode is best suited to recharge or maintain optimum battery condition, the **Wizard Mode Button** allows for manual override and has an indicator light to indicate the mode of operation. (Located on DC board, included)

BOOST MODE – Indicated by green LED remaining on. The output voltage is 14.4VDC to rapidly recharge the battery up to 90% of full charge.

NORMAL MODE – When the battery is between 50% and 90% charged, the green LED will flash once per second. When the battery has reached 90% of full charge, the green LED will flash 2 - 3 times per second. In this mode the output voltage is 13.6VDC and the converter is safely completing the charge of the battery.

STORAGE MODE – Indicated by green LED flashing every 6 - 8 seconds. In this mode the output voltage has been lowered to 13.2VDC, the RV battery is fully charged and the converter is maintaining the charge.

WIZARD MODE BUTTON - The manual button has been provided to allow the operator to temporarily override the converter (not recommended) or to verify the converter is operating properly. For manual operation, Press and Hold the button. The indicator light will soon remain “ON” indicating Boost Mode. Continue to hold the button and the light will blink rapidly indicating the converter is in the Normal Mode. Continue to hold the button until the light blinks slowly indicating the converter is now in the Storage Mode. After the manual button is released the converter will stay in the selected mode. When the battery charge status changes, the converter will return to the automatic mode of operation to prevent damage to the battery.

- All times and voltages provided above are approximate. -

REVERSE BATTERY PROTECTION CIRCUIT

If a battery is accidentally hooked up backwards, the converter will be protected. Easily accessible ATC type fuses will blow when a battery is connected in reverse. All PD4600 Series Converter Replacement units require (2) 30AMP fuses, included, to distribute DC power. Replace with same type and rating.

Model	PD4635	PD4645	PD4655
Specifications	Input: 105-130 VAC	Input: 105-130 VAC	Input: 105-130 VAC
	50/60 Hz	50/60 Hz	50/60 Hz
	550 Watts	725 Watts	950 Watts
	Output: 13.6 VDC, 35 Amps Weight: 9 lbs	Output: 13.6 VDC, 45 Amps Weight: 9 lbs	Output: 13.6 VDC, 55 Amps Weight: 10 lbs

(Specifications subject to change without notice)

The DC Section:

The DC panel features 12 positions, rated for up to 20A, for accessories including two low-to-full current rated branches. These can be used for lower current devices such as cranks and CO detectors. Each branch has a red LED light that indicates which