

Battery Chargers



Todd PC75

Todd Engineering Sales, Inc.

Description

The Power Source™ battery charger is designed to convert 120VAC (household electrical energy) into nominal 12 VDC (automotive electrical energy). Low voltage output is filtered and output voltage remains steady in the face of varying input levels. Output is dual voltage allowing the operator to select either 13.2 VDC or 14.2 VDC. This feature allows stable battery maintenance when supplied for extended periods of time, or rapid battery charging when connected only occasionally to external or generator power. The Power Source™ has an internal monitoring circuit which shuts down operation if the input voltage drops below 90 volts or internal temperature rises above safe levels, and resumes operation automatically when conditions return to normal. LED's indicate 120VAC input, normal operation, and temporary shutdown, abnormal condition.

The solid state automatic dual voltage control module plugs into the Power Source and continuously monitors battery level, automatically selecting proper output voltage.

Model/Description	Output Voltage	Input Voltage	Input Wattage	Output Amperage	Fan	Dimensions LxWxH	Weight	SW Part Number
PC30B	13.2/14.2VDC	120VAC	415W	30	Yes	9.60" x 6.00" x 2.75"	4.7 lbs.	351030PC30
PC40B	13.2/14.2VDC	120VAC	565W	40	Yes	9.60" x 6.00" x 2.75"	4.7 lbs.	351040PC40
PC45B	13.2/14.2VDC	120VAC	635W	45	Yes	9.60" x 6.00" x 2.75"	4.7 lbs.	351045PC45
PC55B	13.2/14.2VDC	120VAC	780W	55	Yes	9.60" x 6.00" x 3.60"	5.6 lbs.	351050PC50
PC75B	13.2/14.2VDC	120VAC	1070W	75	Yes	11.60" x 6.00" x 3.60"	7.1 lbs.	351075PC75
PC30 24V	13.2/14.2VDC	120VAC	840W	30	Yes	14.25" x 7.25" x 4.00"	8.5 lbs.	351030PC3024
ACCESSORIES								
1) ADV10 Automatic Dual Voltage Control Module								351ACCADV10
2) ADV2 Automatic Dual Voltage Control Module								351ACCADV2
3) TS30 Power Switch – Automatic transfer switch -120VAC, 30A, 8.5" x 7.5" x 4", 2 lbs.								275TS30SWITC
4) TS50S Power Switch – 120/240VAC, 60A @ 120V, 30A @ 240V; 8.50" x 7.50" x 4.00" 3 lbs.								351ACCTS50S