

# Big Power Little Box

**+** The PAC charger offers big power in a small package for single shift charging, all from a standard 120VAC outlet

## ECOTEC PAC

The PAC charger from Ecotec is a high frequency MOSFET design, providing you with a small lightweight charger that you can plug into any 120V wall outlet. Weighing between 3 and 8 pounds, the charger can be mounted practically anywhere.



PAC 1300



PAC 800



### ➤ Applications

The PAC chargers can be used in a variety of light duty applications where you have 12 hours or more to charge the battery. Equipment such as pallet jacks, aerial work platforms, golf carts, personnel carriers, floor cleaning equipment, and more, can all be charged with the PAC.

There is an optional protection package that allows the PAC charger to be mounted to the equipment.

**+** PAC battery chargers use modern switching technology. The auto start/stop, intelligent micro controller extends the life of the battery by monitoring the charging process.

### ➤ Two Power Levels

The PAC chargers are available in two different power levels, 800W and 1300W. Each power level is available in 3 DC voltage ratings.

### ➤ Fan Cooled

With such a high power density, adequate cooling is essential to proper operation. The super quiet fan in the PAC charger operates at variable speeds depending on the load which minimizes ambient sound levels.

### ➤ Multiple Settings

Each charger can very easily be set for a variety of battery sizes and types by simply setting the trim screw on the front of the charger.

### ➤ PFC

The charger has a power factor correction circuit that ensures that the charger is running at the highest power factor possible and provides the lowest input current.

### ➤ Small and Lightweight

The PAC 800 weighs in at 3.3 pounds and is 8.5"D x 4.25"W x 3"H  
The PAC 1300 weighs in at 7.5 pounds and is 9.75"D x 6.5"W x 3"H

### ➤ Warranty

The PAC chargers are warranted for one year from the date of purchase.

## Specifications

Power Factor .99  
 Efficiency >.85%  
 Line Regulation 0.01%  
 Load Regulation 0.2V  
 Output ripple <30mV rms  
 EMC-standard EN55022B  
 Construction IP20  
 Weight  
     PAC 800 3.3 lbs  
     PAC 1300 7.5 lbs  
 Dimensions  
     PAC 800 8.50"D x 4.25"W x 3"H  
     PAC 1300 9.75"D x 6.50"W x 3"H  
 Cooling temperature controlled fan  
 Mounting wall, bench, on-board (with optional mounting kit)  
 Standards UL and cUL 1564

PAC 800	Battery AH Capacity Range	Output Volts	Output Current	Input Amps at 120V
12/30	170 - 425	12	30	5A
24/30	170 - 425	24	30	9A
36/20	115 - 285	36	20	9A
48/15	85 - 215	48	15	9A
PAC 1300				
24/50	285 - 700	24	50	12A
36/33	185 - 465	36	33	12A
48/25	140 - 355	48	25	12A

Trim screw used to select appropriate charge algorithm



Tri-color LED indicates charging status  
 Red – Fault condition  
 Yellow – Charging  
 Green – Full Charge

Momentary stop button to stop charger before disconnecting

Model	Estimated time in hours to charge flooded lead acid batteries by AH capacity base on 80% discharge.									
	85	170	225	300	340	375	425	510	595	640
800 12/30	-	9	10	12	13	14	15	-	-	-
800 24/30	-	9	10	12	13	14	15	-	-	-
800 36/20	-	11	13	16	-	-	-	-	-	-
800 48/15	9	13	16	-	-	-	-	-	-	-
1300 25/50	-	-	-	-	9	10	11	12	13	14
1300 36/33	-	-	9	11	12	13	14	-	-	-
1300 48/25	-	9	11	14	15	16	-	-	-	-



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