Patent pending

PUSE

<Exclusively for Automobile (12 V) Lead Batteries>

Easy touch panel operation!
The latest technology of simultaneous battery regeneration and charging enables cost savings.
Achieved what battery regeneration companies have longed for:
a fully automated lead battery regeneration and charging device!

Charser



Automated processes of lead battery regeneration and charging

Flexible support for registration of new batteries data Also, new model models data can resister by SD cards

High quality charging for two batteries at once

Can simultaneously charge batteries with different models and different deterioration levels!

Also supports batteries of sealed, idling stop and hybrid vehicles

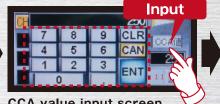


Simple Operation

Easy-to-use touch panel operation

Just select the model and the CCA value on the screen. Everything up to charging completion is done automatically from this first touch panel operation.







CCA value input screen

Device Summary and Specifications

We've received various requests from battery regeneration companies: "Want to charge sealed batteries in the same way as open batteries." "We need an expert to adjust the device to each battery's deterioration level." "After regenerating multiple batteries at once, they were all charged differently.'

The Twin Pulse Charger solves these issues. Adopting a two-stage pulse generation circuit created through three years of research and development, and through research and development into the automation process of battery regeneration and charging, we have fully automated everything after initial settings.

Device Features

- •Use of two pulse waves enables simultaneous charging and regeneration.
- Automated and safety process enables even those who aren't experts to easily charge open, sealed, idling stop, and hybrid automobile lead batteries.
- Displays the remaining charge time.

Rating / Specifications			
Model	TPC-1000		
Input	Voltage	100 V/200 V AC	
	Current	15 A	
Output	Voltage	6 V to 36 V	
	Current	20 A	
Chargeable batteries	12 V lead automobile batteries		
External dimensions (mm)	(Height/width/depth) 260 mm x 350 mm x 370 mm (Excluding the cable hooks, etc.)		
Weight (kg)	Main unit : Approx. 12 kg, Charging cable : [CH1] Approx. 1.5 kg, [CH2] Approx. 1.4 kg		
Charging cable length (mm)	930 mm (including the box)		

Battery standard CCA value (JIS standard)	Regeneration time	
Less than 300	Approx. 2 to 10 hours	
300 to 500	Approx. 4 to 16 hours	
500 to 800	Approx. 6 to 24 hours	
More than 800	Approx. 8 to 30 hours	

*Regeneration time is approximate.

Focusing our attention on lead batteries, which are commonly used in modern vehicles, we at HIVEC Developed the Twin Pulse Charger to promote reuse technology for these batteries, thus contributing to a society which saves and recycles resources. The Twin Pulse Charger uses microcomputer control to adjust the regeneration process for each battery's model and deterioration level, and by applying a



charging pulse and regeneration pulse in two stages, it reduces work time and helps improve productivity. Added a touch panel, which offers easy operation for charging batteries with different models and deterioration levels. The product also displays the remaining charge time, allowing the worker to coordinate better with other work. All this and more results in a battery regeneration charger with high added value.





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