

TBC SERIES

TRANSIT BATTERY CHARGING SYSTEM



Modular construction, allowing 1 to 24 individually controlled 100 Ampere charging stations

The perfect battery charging system for all fleet type maintenance operations



Unlike typical "shop" charging, our TBC is the true constant voltage float system. Therefore, the TBC will protect your battery from harmful overcharging.



HINDLEPOWER

The TBC System consists of a Main Power Supply supporting a series of DC Distribution Panels. Each panel may contain up to four stations — each station equipped with a DC ammeter, pilot status lamp and individual on/off circuit breaker, along with a set of battery clamp drop leads. The power supply is a highly regulated, filtered battery charger typical of the designs used in many of today's power utility and stationary applications.

DC Distribution Panel
(Four station shown)

Battery Drop Leads
(Custom lengths available)



Main Power Supply
(Highly regulated, filtered battery charger)

DC DISTRIBUTION PANEL

STANDARD FEATURES

DC Ammeter

- Analog meter, 2% accuracy, 3.5" case, indicating charging current into the battery.

DC Breaker

- Single pole, 120Vdc @ 100 Adc, also functioning as an on/off switch.

Indicator Lamp

- Panel mounted light—Red, indicating charging mode.

Battery Drop Leads

- 3-foot standard length, wire size and alligator clamps are sized according to the output rating. The alligator clamps are fully insulated.

Documentation

- Installation instructions, equipment drawings and operational manuals.

OPTIONAL FEATURES

Battery Drop Leads

- Cable and cable clamps can be customized for your particular applications.

Remote Alarms

- Visual, audible and remote alarm systems are available as needed.

Timer

- 0-72 hour timer to indicate total charge time is available.

Number of Stations

- You select from (4) four, (3) three, or (2) two station panels and the number of panels to be grouped together. The total number of active stations and battery type will determine the current rating of the battery charger.

Charging Voltage

- Standard dc voltage is for a nominal 12 Volt battery. Other voltages are available.

SPECIFICATIONS

Wall Mounted

- The DC Distribution Panels are intended for wall mounting using standard 1/4" hardware.

Enclosure

- NEMA Type I Enclosure, for indoor applications only.
- Painted ANSI 61 Gray using a baked epoxy powder coating that is both acid and alkaline resistant.

Dimensions and Weight

Stations	Two	Three	Four
Width	18.00/457	27.00/686	36.00/914
Height	10.00/254	10.00/254	10.00/254
Depth	6.50/165	6.50/165	6.50/165
Weight	25.00/11.3	38.00/17.3	50.00/22.7

Dimensions are shown IN/MM Weights are shown LBS/KGS

ORDERING INFORMATION		
Model	OUTPUT	PART #
TBC	2-station	EJ1309-02
TBC	3-station	EJ1309-03
TBC	4-station	EJ1309-04

*Battery Charger - see AT Series or SCRF Series literature

BATTERY CHARGER

Select either a HindlePower filtered AT Series or SCRF Series Battery Charger.

Output voltage and current must be sized according to battery type and total active stations.

This product and others distributed by

HINDLEPOWER

We Accept

