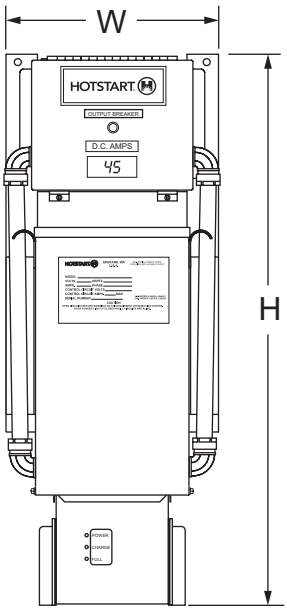
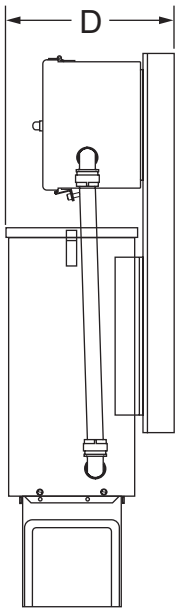
KBC Battery Charger

HOTSTART's KBC Battery Charger system is designed for locomotive and industrial engines that require battery start-up. The KBC is designed and constructed for ease of operation and requires minimal maintenance. It is a permanently installed system with no battery disconnecting required. It uses solid state circuitry assuring high reliability.

The HOTSTART KBC Battery Charger is designed to maintain a D.C. voltage. It is not designed for restoring batteries that are completely drained, damaged, or corrupted. Drawing more than 50 Amps for an extended length of time will cause the circuit breaker to trip.





APPLICATION

The HOTSTART KBC Battery Charger converts single phase A.C. power from a line source to a controlled D.C. voltage output. Battery voltage and charge current are monitored continuously by solid state circuitry to provide higher charge currents when batteries are drained, and trickle charge current when they are full. The battery's voltage at any time sets the level of charge current provided by the module. Circuit breakers protect the charger's transformer AC input primary winding and it's secondary winding. The DC output is controlled and protected by an internal current limiting system. No switches, timers, or adjustments are required.

FEATURES

- 50 Amp variable controlled system
- Overload protected
- NEMA 3R rated
- Compact design
- Easy to install

DIMENSIONS & WEIGHT

Height (H)	Width (W)	Depth (D)	Weight
35″	13.5″	10.5″	160 lbs.
889mm	343mm	267mm	73 kg

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DS-KBC-E
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