

A-A-596  
November 15, 1979

## COMMERCIAL ITEM DESCRIPTION

### BATTERY CHARGER AND ANALYZER, MOBILE, FOR 6 AND 12 VOLT BATTERIES

The General Services Administration has authorized the use of this commercial item description.

This commercial item description covers all-weather, mobile, battery chargers for garage, fleet and industrial applications.

#### Salient characteristics.

Designed for charging both maintenance-free and conventional (including dry charge activation) batteries.  
Multiposition top switch or self adjusting charging system.  
Scaled ammeter and voltmeter.  
Automatic reset circuit breaker and 2-hour timer (minimum) with hold position for continuous charging.  
Full wave rectification and triple insulated transformers.  
Copper charging cables with short-proof charging clamps and power cord with three-prong plug.  
Thermal overheat protection, reverse polarity protection, on-off switch.  
Capability of testing for sulfated batteries, shorted or frozen batteries, poor connection, and open circuits.  
Equipped with rubber tired wheels.  
Chargers shipped ready for service.  
Markings, including identifying, rating and cautionary, in accordance with UL requirements.  
UL listed (conforms to UL Standard 1236); the issue of UL standard in effect on the date of solicitation shall be used to determine compliance with stated requirements.

Battery charger specifications

Discharged battery rating		UL rating		AC input at	Polarity	Boost
6 volts	12 volts	6 volts	12 volts	110-120 volts, 60 Hz	protection	(cranking current, DC)
(amps)	(amps)	(amps)	(amps)	(amps)		(amps)
120	80	100	60	15	Positive	300

Certification. The contractor shall certify that the product offered meets the salient characteristics of this description and that the product conforms to the producer's own drawings, specifications, standards, and quality assurance practices and is the same product offered for sale in the commercial marketplace. The Government reserves the right to require proof of such conformance prior to first delivery and thereafter as may be otherwise provided for under the provisions of the contract.

Recovered materials. The manufacturer shall utilize recovered materials to the maximum extent practicable.

Packaging, packing, and marking. The battery chargers shall be packaged in accordance with normal commercial practice and packed to assure acceptance by common carrier and provide product protection against loss and damage during multiple shipments, handling, and storage. The shipping containers shall be in compliance with the National Motor Freight Classification and Uniform Freight Classification. Marking shall be as specified in the contract or order.

UL Standard 1236 is available from Underwriters' Laboratories (UL), Inc., 1285 Walt Whitman Road, Melville, Long Island, NY 11747.