

Battery Chargers - ABC Series



ABC 12-25



ABC 12-8

ABC Series

The ABC Series chargers have been in the Newmar line for 30 years. They utilize time tested SCR charging circuitry, individually sensing and regulating each of 2 isolated battery banks, allowing the user to leave the charger operating indefinitely, even under no-load conditions without fear of overcharging. These chargers are ideal for vessels or vehicles which have an intermittent demand for battery power.

(For battery systems which require high continuous output, see our Phase Three Chargers on pages 2-3)

These chargers are housed in a rugged, black anodized aluminum, heat-sink case which extracts heat without introducing dust and moisture to the inside of the unit.

The rugged and reliable ABC charger is employed in hostile environments throughout the world in recreation and commercial marine applications, off-shore oil platforms, in mining equipment, emergency service vehicles and rugged off-road applications.

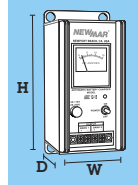
They feature a total output ammeter, on-off power switch, power "on" indicator light, 115/230 VAC input selector switch, factory installed AC power cord with molded plug and shock-resistant rubber mounting grommets. Circuit boards are polyurethane conformal coated for corrosion resistance and all are protected against overheating by an automatically resetting thermal switch.

Features

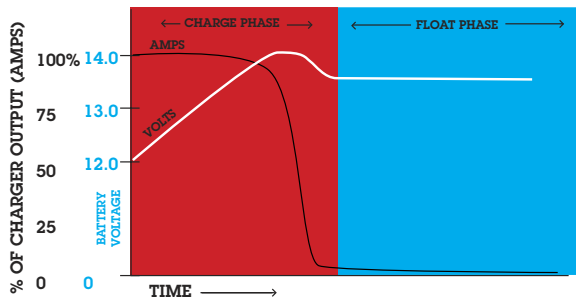
- Total output ammeter
- Dual independently regulated output banks
- On-off switch and power "on" indicator light
- Vibration absorbing mounting grommets
- Anodized aluminum case
- 115/230 VAC input selector switch
- Auto-reset thermal breaker
- Conformal coating of circuit board

Specifications

Model	Input	Amps @ F. L.	Output			Inches			Centimeters			Weight	
			Volts	Banks	Amps	H	W	D	H	W	D	(Lbs)	(Kg)
ABC 12-8	105-125 VAC or 210-250 VAC	1.5/.75	12	2	8	8.0	6.0	4.2	20.3	15.2	10.6	9	4.1
ABC 12-25	50-60Hz	5/2.5	12	2	25	11.9	4.7	6.2	30.2	11.9	15.8	14	6.4



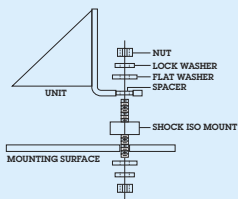
Typical Charge Curves ABC Series



Duty Cycle Ratings: Rated Charging Output 20 min., derate to 50% for continuous output

Operating Temperature: 0-40°C

Float Voltage: 13.4 VDC



Option: Extreme Vibration Mounting Kit

The Extreme Vibration Mounting Kit is available to protect NEWMAR power converters from the extreme stresses of shock and vibration when mounted on high-vibration vehicles.

The kit (pictured here) replaces the standard vibration kit provided with the unit and fits into the unit's mounting flange to act as a "super shock absorber" for electronics in high-vibe applications. It is available to fit all NEWMAR units from 2 to 70 lbs. Specify KIT-L for units which weigh 2-15 lbs. and Kit-H for units which weigh 16-70 lbs.