

- A Unique Battery Charger
- Fully Automatic
- Electronically safe against user errors!
- Smart Option for computerized battery charging and management!

SWITCH MODE BATTERY CHARGER



Charges 6V & 12V Batteries

MCU controlled, fully INTERACTIVE

Select for 6V or 12V Battery, rest is 100% automatic from Charge to Maintenance!!

Charges WET/Flooded, GEL, AGM type Lead-Acid Rechargeable Batteries

Automatically Diagnoses, Recovers, Charges & Maintains batteries for months...

Bulk Charging Time

Time required for the BENTON® BX-4 to complete a charge on a normally discharged battery is shown as under. Deep-discharged battery might take longer time to charge.

Battery Size (Ah)	For about 80% Charge (hours)	
	6V	12V
1.2	4	4
2	7	7
10	30	30
12	37	37
20	60	60

Note: Above table for reference only. Actual data may differ due to battery condition.

Technical Data

MODEL	BX-4
Input Voltage AC	220-240VAC, 50/60Hz
Output Voltage	6V & 12V (Manual-Select)
Input Current	130mA RMS max
Efficiency	>75%
Charging Voltage	
Bulk Charging Mode	3.75V±0.25V (for 6V Battery), 7.5V±0.25V (for 12V Battery)
Trickle Charging Mode	6.5V±0.25V (for 6V Battery), 13.0V±0.25V (for 12V Battery)
Maintenance Charging Mode	7.2V±0.25V (for 6V Battery), 14.4V±0.25V (for 12V Battery)
Charging Current	750mA±10%, 750mA ON 100mS OFF 900mS (average current 100mA)
Back Current Drain *	<35mA
Ripple**	Max 150mV, 0.2A
Ambient Temperature	-20°C to +50°C/-4°F to +122°F Reduced output power at higher temperature
Type of Charger	Three step, fully automatic, switch mode with maintenance charging
Type of Batteries	6V & 12V Lead-acid rechargeable batteries (WET, MF, AGM and GEL)
Battery Capacity	1.2-20Ah (for 6V and 12 V batteries)
Dimensions (LxWxH)	100x65x38mm
Housing Protection	IP60 (Dust proof) Indoor use
Weight	0.190kg
Noise Level	<50 dB (Tested from a distance of 50cm)

Application

Motorcycle



Car



ATV



Snowmobile



7.2V / 750mA



14.4V / 750mA



Q090070



BX-4