

750mA 12V Battery Charger

The Manning 750mA 12V Battery Charger for lead acid batteries offers performance and reliability at a great value. This efficient, light and compact three-stage battery charger will ensure your battery is properly charged without over-charging or damaging you battery.

Standard Features

- Compared to a multi-battery charging bank, the Manning charger can be a better value per charging station.
- The long cords make it easier to reach where you need it.
- Two color-coded alligator clips make it simple to hook up the connection to the battery.
- It's easy to connect chargers incorrectly, causing damage to, or even destroying, it. The Manning 750mA 12V Battery Charger is made to survive! If you put the leads on the battery backwards, short them together—no problem for this charger. A mistake doesn't mean having to buy a new charger.



The PSB charger features a quick connect that plugs into a receptacle on the PBS sampler.

For international customers, this charger will work on either 110 or 220VAC, making it an even more cost-effective choice.

When ordering, please refer to the following part numbers:

For VST/PST Sampler: MS885400

For PSB4 Sampler: MS885401

Specifications

	UNIT	SPECIFICATION	ADDITIONAL REMARKS
INPUT			
01	Rating Input Voltage	V ac.....100~240Vac	50/60Hz
02	Input voltage range	V ac.....90~264Vac	
03	Rating Input Current	A.....0.2Arms	INPUT: 220V OUTPUT: FULL LOAD
04	Max. input power	W.....18	

OUTPUT			
05	Rating output voltage	V dc.....13.8V	
06	Output voltage range	V dc.....10VDC ~ 15VDC	
07	Suit with battery type	.....12V Lead Acid (VRLA)	
08	Charging current (stage 1)	A.....0.75±0.1@12V	
09	Charging voltage (stage 2)	V.....14.75V +-0.25V	
	Floating voltage (stage 3)	V.....13.75V+-0.25V	
10	Cut-off current (stage 2→3)	A.....<0.20+-0.05A	
11	Typical charging time	Hour.....Battery Amp hours x 1.14	
12	Max. output power	W.....14W	
13	Hold-on time	ms.....NC	Input: 220Vac Output: Full load
14	Ripple current	mA.....80	Input: 220Vac Output: Full load
15	Charge finish condition	.....V>14V + I<0.2A	
16	LED color (flashes)	.....Red: charging / Green: finish/idle	
17	Output Shorted protection	.....Yes	
	Output Reversed protection	.....Yes	
18	Efficiency	%.....>75%	At max. load

Environment			
19	Operate temperature	°C.....-10~+40	Full load & natural convection
20	Operate humidity	%RH.....<+90	Relative humidity, non-condensing
21	Storage temperature	°C.....-40~+70	
22	Storage humidity	%RH.....0~+95	Relative humidity, non-condensing
23	Cooling	.....Natural convection	
24	Temperature factor	%.....-	
25	Vibration resistance	.....5MM/50HZ/600S	Non-operating condition
26	Impact resistance	.....1 meter drop test >=3 times	Non-operating condition

Mechanical			
27	Weight	g.....150	
28	Size	in (mm).....3.19x2x1.1 (81x51x28)	
29	Input/Output Cord and terminals	.....110 AC – 31" / Output – 59" to alligator clip	
		.....220V AC plug available upon request	

Safety			
30	Max. temperature rise	°C.....<40 on casing	At any line and Max. Load
31	Safety standards	.....GB4943 EN60950 UL1950	
32	EMC standard	.....NC	
33	MTBF	hrs.....30000	
34	Limited power source	VA.....-	
35	ESD	kV.....8.0	
36	Hi-Pot Insulation	V.....i/p to o/p: 3000 (1 min.)	For final unit, cut-off current=10mA



Data Sheet: Battery Charger
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