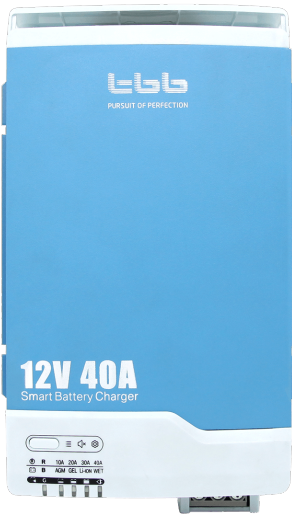




CHA002 | CHA005 | CHA006

TRIDENT SMART CHARGER



TBB BS1210

12V/10A

TBB BS1225

12V/25A

TBB BS1240

12V/40A

LITHIUM BATTERIES

TRIDENT SMART CHARGER	BS1210	BS1225	BS1240
Product Code	CHA002	CHA005	CHA006
ELECTRICAL			
Output voltage (PS mode) (VDC)	13.5V±0.27		
Max Output current (A)	10	25	40
Nominal input voltage (VAC)	85-265VAC,50/60Hz	165-265VAC,50/60Hz	
Charge algorithms	5 steps. Soft start, bulk, absorption, float, recycle		
Temperature compensation	Automatically		
Absorption voltage (VDC)	AGM:14.4V, GEL:14.1V, LFP:14.4V, WET:14.7V		
Floating voltage (VDC)	AGM:13.5V, GEL:13.5V, LFP:13.5V, WET:13.7V		
Charging current (A)	10	25	40
Min battery voltage (VDC)	2V		
Efficiency	88%		
Input connector	Cable of 1.5 meter with CEE 7/7 plug	IEC socket	
Output connector	Fixed cable,2.5mm ² , 1 meter	M4 Screw (16mm ²)	
Output	1	1+1	1+1
Ripple noise	≤200mVp-p		
Regulation Accuracy	≤2%		
Cooling	Self cooling	Fan cooling	
Working Temperature	-20°C ~ 60°C (40°C~60°C reduce the current)		
PROTECTION			
Short circuit	Shutdown output, automatically restart when short circuit is removed		
Reverse polarity	No charging		
Charger over temp	Shut down the charger		
Battery over temp	Shut down the charger		
STANDARDS			
LVD	EN60335-1, EN60335-2-29, EN62233		
EMC	EN55014-1, EN55014-2, EN61000-3-2, EN61000-3-3		
STRUCTURE			
Out case	Aluminum + plastic		
Dimension(mm)	175*114*53	249*165*74	
Weight(kg)	1	1,6	
IP class	IP20	IP20	IP20
Warranty	1 Year		