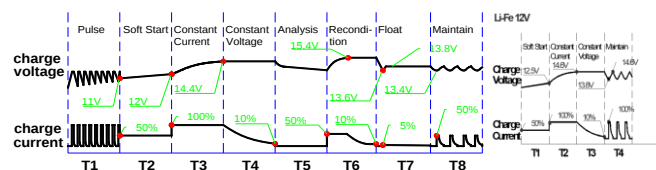


IBC-Series Battery Charger-- Ingress Protection Rating (IP65 & IP32)

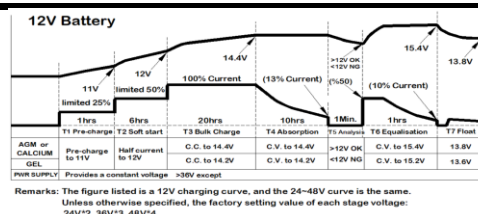
MODEL		IBC-1208M8 IBC-2404M8	IBC-1220M7 IBC-2410M7	IBC-1230M7 IBC-2415M7	IBC-1252M7 IBC-2427M7	IBC-1280M7 IBC-2444M7
						
IP Level		IP65	IP32			
Input	Voltage	100~120Vac or 200~240Vac				200~240Vac
	Frequency	47~63Hz				
Output	Battery Type	AGM/ GEL/ LiFePO4/ Li-ion/ Power Supply	AGM (Lead Acid)/ GEL/ Power Supply			
	Equalizer Voltage	14.4V/14.2V/14.6V/16.8V (28.8V/28.4V/29.2V/29.4V)	14.4V/14.2V (28.8V/28.4V)			
	Power Supply	13.8V (27.6V)	13.8V (27.6V)			
	Current (Selectable)	8/4/2A (4/2/1 A)	20/10/5A (10/5/2.5A)	30/15/8A (15/8/4A)	52/26/13A (27/13.5/6.7A)	80/40/20A (44/22/11A)
	Wattage	130W	300W	500W	800W	1300W
	Efficency	85%	84%	84%	84%	84%
	CHARGER CONTROL	Total Charging Timer	Off; Timer can be set through the LCD panel			
Temperature Compensation		Snow Mode can increase 0.2V charging voltage				
Pulse/Desulphation(1)@10min.		If battery<10V (20V) (AGM/GEL)	NONE			
25% Soft Start(1) @1 hour		NONE	25% of Rating Current until 11V (22V)			
50% Soft Start(2) @6 hour		50% of Rating Current until 12V (24V)				
100% Bulk(3) @20 hour		100% of Rating Current until Equalizer Voltage				
Absorption (4) @10 hour		Equalizer Voltage until Charging Current <10% of rating current	Equalizer Voltage until Charging Current <13% of rating current			
Analysis (5) @1min.		Go to next if battery >12V (24V) ; go to fault if battery <12V (24V)				
Recondition (6) @1 hour		50% of Rating Current until 15.4V (30.8V) @AGM or 15.0V (30V) @GEL				
Float (7)		AGM13.8V (27.6V)/ GEL13.6V (27.2V)				
Maintain(8) AGM <12.5V(25V)		14.4V (28.8V)	NONE			
Maintain(8) GEL <12.5V(25V)		14.2V (28.4V)	NONE			
Maintain(8) LFP <12.5V(25V)		14.6V (29.2V)	NONE			
Maintain(8) Li-IOn <13V(22.8V)		16.8V (29.4V)	NONE			
PROTECTIONS		Over Charging	>17V (34V)	>16V (32V)		
	Over Temp.	>60°C;Charg Current decreased	Heatsink >75°C Alarm; >80°C Stop Charging			
		>95°C Stop Charging	<70°C Re-Charging			
	Battery Reverse	YES	Yes, by fuse burnt			
OTHERS	Ventilation	NONE	>10% of Rating Current cooling fan turns on			
	Dimension (L*W*H) mm	208x94x63	173x160x76	222 (272)x160x76	323x214x105	338x246.6x133.3
	Weight	0.9KGS			5.2KGS	6.6KGS
ENVIORNMENT	Operation	0~+35 °C , 20~80% RH				
	Storage	-40~+80°C , 10~95% RH				

*36V/48V & other models are available

AGM 12V



IBC-1208M8/IBC-2404M8



Remarks: The figure listed is a 12V charging curve, and the 24~48V curve is the same.
Unless otherwise specified, the factory setting value of each stage voltage:
24V*2 36V*3 48V*4

IBC-1220M7/IBC-2410M7/IBC-1230M7/IBC-2415M7/IBC-1252M7/IBC-2427M7/IBC-1280M7/IB