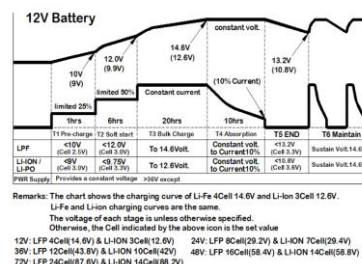
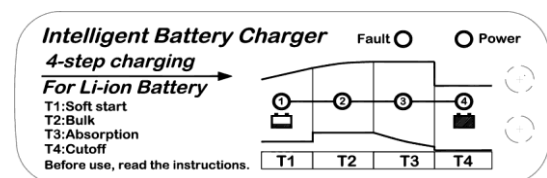


IBC-Series LiFEPO4/ Li-ion Battery Charger-- (IP65 & IP32) Rating

MODEL		IBC-04080P/(IBC-03080L)	IBC-04200PL	IBC-04300PL	IBC-04520PL	IBC-04800PL
		IBC-08040P/ (IBC-07040L)	(IBC-08100PL)	(IBC-08150PL)	(IBC-08270PL)	(IBC-08440PL)
						
IP Level		IP65	IP32			
Input	Voltage	100~120Vac or 200~240Vac				200~240Vac
	Frequency	47~63Hz				
Output	Battery Type	LiFEPO4/ Li-ion			LiFEPO4/ Li-ion/ Power Supply	
	Equalizer Voltage +/-2%	14.6V/12.6V (29.2V/29.4V)				
	Power Supply +/-5%	N/A			13.8V (27.6V)	
	Current +/-5%	8A (4A)	5A/10A/20A (2.5A/5A/10A)	7.5A/15A/30A (4A/8A/15A)	13A/26A/52A (7A/13.5A/27A)	20A/40A/80A (11A/22A/44A)
	Wattage	130W	300W	450W	800W	1300W
	Efficiency	85%	85% (87%)	84% (90%)	76% (84%)	76% (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				
	25% Soft Start(1) @1 hour	N/A	<2.5V(LFP) /3V (Li-ion) per cell by 25% Current @1HR			
	50% Soft Start(2) @6 hour	<3.125V(LFP)/3.25V(Li-ion) per cell	>2.5V(LFP) /3V (Li-ion) per cell by 50% Current @6HR			
	100% Bulk(3) @20 hour	>3.125V(LFP)/3.25V(Li-ion) per cell	>2.9V(LFP) /3.3V (Li-ion) per cell by 100% Current @20HR			
	Absorption (4) @10 hour	Equalizer Volt. until charging current drop to <10% @10HR				
	Stop Charging Current ±5%	0.8A (0.4A)	2A (1A)	3A (1.5A)	5.2A (2.7A)	8A (4.4A)
	Re-charging Voltage ±0.2V	12.5V/9.75V (25V/22.75V)	Cell<3.3V (LFP) /3.6V (Li-ion)			
PROTECTIONS	Over Charging	15.2V/13V (30.4V/30.5V)				
	Over Temp.	Reducing ChargeCurrent if inner >60°C; >95°C Stop Charging	Heatsink >75°C Alarm; >80°C Stop Charging <70°C Re-Charging			
	Battery Reverse	Automatic Shutdown	Yes, by fuse burnt			
OTHERS	Ventilation	NONE				>10% of Rating Current cooling fan turns on
	Dimension (L*W*H) mm	208x94x63	173(PFC222)x160x76	222(PFC272)x160x76	323x214x105	338x246.6x133.3
	Weight	0.9KGS			5.2KGS	6.6KGS
ENVIORNMENT	Operation	0~+35 ℃ , 20~80% RH				
	Storage	-40~+80℃ , 10~95% RH				

*LFP12S/Li-ion10S/LFP16S/Li-ion14S (36V/48V) & other models are available



IBC-04080P/IBC-03080L/IBC-08040P/IBC-07040L

IBC-04200PL/IBC-08100PL/IBC-04300PL/IBC-08150PL/IBC-04520PL/IBC-08270PL/IBC-04800PL/IBC-08440