



INTRODUCTION

The LiBAL Value Charger series include the 3300W charger that was especially designed for supplying the electricity for electric vehicle's power battery, on the basis of the national standards for the charger. This product has the advantages of not only high efficiency, small size, high stability, long lifespan, but also high protection grade, and high reliability and complete protection function, etc. It is definitely an ideal charging power supply for electric vehicles.

This charger has built-in heat-sensing device and can automatic recover through the thermal protection. Fully sealed potting process and up to IP67 protection level ensures high level of protection in any complex environment.

HIGH LIGHTS

- CAN bus communication
- Multi-color LED indicator for AC source, battery status, charging, error, fault
- Fully sealed potting process
- water cooling (modular optional)
- Built in thermal sensor
- Cut off output under dangerous operations conditions (internal 95°C)
- Protection level IP67

Hardware	DC output Voltage Range	Max Output Current	Lead Acid Battery Charger Model	Lithium Battery Charger Model
48V40A	18-68VDC	40A	HK-J-48-40	HK-J-H66-40
72V40A	25-99VDC	40A	HK-J-72-40	HK-J-H99-40
96V32A	34-132VDC	32A	HK-J-96-32	HK-J-H132-32
144V23A	50-198VDC	23A	HK-J-144-23	HK-J-H198-23
312V10A	110-440VDC	10A	HK-J-312-10	HK-J-H440-10
540V06A	170-650VDC	6A	HK-J-540-06	HK-J-H650-06

Applications





Features

Items		Data
Input	AC Input Range	AC 90~265V
	Frequency	45-65Hz
	Input Current	≤16A
	Power Factor	≥0.99 Half loading
	Efficiency	≥93% Full loading
	Standby Consumption	≤10W
Main Output	Output Mode	CV / CC
	Output Voltage	3300W @ 220VAC ; 1600W@110VAC
	CV Accuracy	±1%
	CC Accuracy	±2%

	Ripple Voltage Coefficient	5%
Low Voltage Output	Output Mode	CV
	Output Voltage	13.8V/27.6V
	CV Accuracy	±1%
	Nominal Current	5A
	Max Current	5.5A±0.5A
	CC Accuracy	±2%
	Ripple Voltage Coefficient	1%
CAN Communication	CAN Communication	Optional
	Baud Rate	125Kbps、250Kbps、500Kbps
	Terminal Resistance	NO

Interface Definition(for 72v,96v,144v)

S. N.	Terminal Name	Terminal Definition	Male Connector	Female Connector	Ver.
1	Charger's AC Input	A-Null line, B-Fire Line, D-GND	XXC103-EV-P4ZA	XXC103-EV-S4TA	XINXI
2	Charger's DC Output	A.D-Positive B.C-Negative	XXC103-EV-P4ZB	XXC103-EV-S4TB	XINXI
3	Signal Control	A-CANL, B-CANH, C-CANGND, D-12V+, E-12V- F-Enable.	XXC103-EV-P6ZC	XXC103-EV-S6TC	XINXI

Interface Definition(for 312v, 540v)

S. N.	Terminal Name	Terminal Definition	Male Connector	Female Connector	Ver.
1	Charger's AC Input	A-Null line, B-Fire Line, D-GND	XXC103-EV-P4ZA	XXC103-EV-S4TA	XINXI
2	Charger's DC Output	A.-Positive B.-Negative	XXC103-EV-P4ZB	XXC103-EV-S4TB	XINXI
3	Signal Control	A-CANL, B-CANH, C-CANGND, D-12V+, E-12V- F-Enable.	XXC103-EV-P6ZC	XXC103-EV-S6TC	XINXI

