



INTRODUCTION

The LiBAL Value Charger series include the 1800W 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 no causing trouble 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	Output Voltage Range	Max Output Current	Lead Acid Battery Charger Model	Lithium Battery Charger Model
48V25A	18-68VDC	25A	HK-H-48-25	HK-H-H66-25
72V25A	25-99VDC	25A	HK-H-72-25	HK-H-H99-25
96V18A	34-132VDC	18A	HK-H-96-18	HK-H-H132-18

Applications



Features

INPUTS	Frequency	45-65Hz
	Stand-by Consumption	≤5W
MAIN OUTPUTS	Output Mode	CV / CC
	Output Power	1800W@220VAC & 700W@110VAC
	CV Accuracy	±1%
	CC Accuracy	±2%
	Ripple Voltage Coefficient	5%
COMMUNICATIONS	CAN Communication	Yes
	Baud Rate	125Kbps, 250Kbps or 500Kbps
	Terminal Resistance	N/A
	12V Output	Load Capacity of 200 mA, Output controllable

Optional Output Function (12V5A)

LOW VOLTAGE OUTPUT	Output Mode	Constant Voltage
	Output Voltage	13.8V
	Rated Current	5A
	CV Accuracy	±2%
	Maximum Current	5.5A ± 0.5A
	Output Power	≥62.5W
	Ripple Voltage Coefficient	1%

