

## Description

Modern cars have increasingly more in-car electronics which drain the battery fast during frequent demonstrations at show room and car shows.

Model ZPS-9000 Series is designed to supply sufficient DC power to ensure smooth demonstrations or try outs by visitors. The DC Supply mode has sufficient DC power during the flashing (updating) of the car's ECM/ PCM. The slim casing and low profile design allow the unit be placed under most cars without undue attractions.

In charger mode, it provides refreshing charges to LEAD, AGM 2, LiFePO4 and maintains the car's battery in good condition before hand over.

## Features

- Slim low profile metal casing fits well under most cars.
- Adjustable maximum charging current.
- Power Supply Mode:
  - High output power with adjustable voltage and current with 5 selections of lengths of connector cable to ensure continuous presentation of showroom cars.
  - It can be used to provide sufficient backup DC power for flashing car's ECM/ PCM.
- Charger Mode with battery type selection and adjustable max current & cable length selection allows refresh complete charge to car battery before hand over.
- Selection of 3 cable length (2M/ 3M/ 5M) setting for both power supply & charger mode to ensure precise voltage at battery terminal.



## General Specifications

AC Input Voltage	100-240VAC~ 50/ 60Hz
AC Input Current	≤5.0A
No Load Input Current	≤280mA
Ripple & Noise (r.m.s.)	50mV
Optimal Efficiency	80%
Display	Voltmeter; Ammeter; 6 LEDS indicate battery types; DC supply or charger mode and equalization ON/ OFF
Protection	System Over Temperature Protection, Output Over Voltage Protection, Reverse Polarities Protection, Output Short Circuit Protection, Fan Fault, Spark Free Connection
Cooling Method	Thermostatically Controlled Variable Speed Fan (0-full speed)
Operating Temperature	-10°C - 50°C (Maximum output up to 40°C)
Approvals	CE compliance design
Communication	Bluetooth/ WiFi
Remote Control	Use smart phone App
Dimension (WxHxD)	361 x 223 x 82 mm 14.2 x 8.8 x 3.2 inch
Weight	4.7 kg 10.4 lbs

\* All values are based on the Standard ambient Temperature 25°C and Pressure 0.1Mpa.

\* SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

## Specifications

Models	ZPS-9160	
Output Voltage		
Mode	Absorption	Float
Lead	14.4V	13.6V
AGM 2	14.7V	13.6V
LiFePO4	14.4V	OFF
DC Supply	12-15VDC (0.1V per step)	
Output Current Range	5-60.5A	
Soft Start Bulk Charge	10A (For set output current ≥20A) Half of set output current (For set output current <20A)	
Recommended Battery Capacity	16-600Ah	

Models	ZPS-9230	
Output Voltage		
Mode	Absorption	Float
Lead	28.8V	27.2V
AGM 2	29.4V	27.2V
LiFePO4	28.8V	OFF
DC Supply	24-30VDC (0.1V per step)	
Output Current Range	2.5-30.5A	
Soft Start Bulk Charge	5A (For set output current ≥10A) Half of set output current (For set output current <10A)	
Recommended Battery Capacity	10-300Ah	

Models	ZPS-9320	
Output Voltage		
Mode	Absorption	Float
Lead	43.2V	40.8V
AGM 2	44.1V	40.8V
LiFePO4	43.2V	OFF
DC Supply	36-45VDC (0.1V per step)	
Output Current Range	2.5-20.5A	
Soft Start Bulk Charge	5A (For set output current ≥10A) Half of set output current (For set output current <10A)	
Recommended Battery Capacity	10-200Ah	

Models	ZPS-9415	
Output Voltage		
Mode	Absorption	Float
Lead	57.6V	54.4V
AGM 2	58.8V	54.4V
LiFePO4	57.6V	OFF
DC Supply	48-60VDC (0.1V per step)	
Output Current Range	2.5-15.5A	
Soft Start Bulk Charge	5A (For set output current ≥10A) Half of set output current (For set output current <10A)	
Recommended Battery Capacity	10-100Ah	

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