VTEKE®

BATTERY CHARGER

VBC1205, VBC1210
VBC2405, VBC3002

FEATURES

VBC 140W series battery chargers are designed to charge lead-acid engine starter and AGM batteries with voltage of 12V, 24V or 30V. The device is equipied with protection features to save the device and to extend the battery life.

- VBC series is suitable for 12/24/30V storage battery with drawn current of 2A/5A/10A.
- Switch mode power supply technology is used with wide range of input voltage.
- High efficiency
- Compact mechanical design with light weight
- Alarm for input fail and blown fuse
- Reverse polartity protection
- Noise input filter
- Fail/Work OK led indicator



INPUT

PARAMETER	VBC1205	VBC1210	VBC2405	VBC3002
AC Input Voltage	220Vac ± %20	220Vac ± %20	220Vac ± %20	220Vac ± %20
DC Input Voltage	200-400Vdc	200-400Vdc	200-400Vdc	200-400Vdc
AC Input Frequency	50 - 400Hz	50 - 400Hz	50 - 400Hz	50 - 400Hz
Efficiency	>%85	>%82	>%85	>%85

OUTPUT

PARAMETER	VBC1205	VBC1210	VBC2405	VBC3002
DC Output Voltage	13.80V	13.80V	27.60V	34.5V
DC Output Charge Current	5A	10A	5A	2.2A
Output Power	70W	140W	140W	70W
Output Voltage Ripple	±%1	±%1	±%1	±%1
Voltage Regulation	±%1	±%1	±%1	±%1
Load Regulation	±%1	±%1	±%1	±%1
Start-up Time		100ms	100ms	100ms

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OPERATİON CONDITIONS

PARAMETER	VALUE
Working Temperature	-20C / +50C
Working Humidity	20-70%
Stock Temperature	-20C / +70C

MECHANICAL SPECIFICATIONS

PARAMETER	VALUE			
Weight	700gr			
Diemensions (L x W x H)	153 X 98 X 62			
Mounting	Screw Type Plate Mount	VBC1205	VBC1210	VBC2405	VBC3002
	DIN RAIL	VBC1205D	VBC1210D	VBC2405D	VBC3002D

DIMENSIONS

