BATTERY CHARGER [140W]

VBC2405, VBC3002

VBC1205, VBC1210

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.

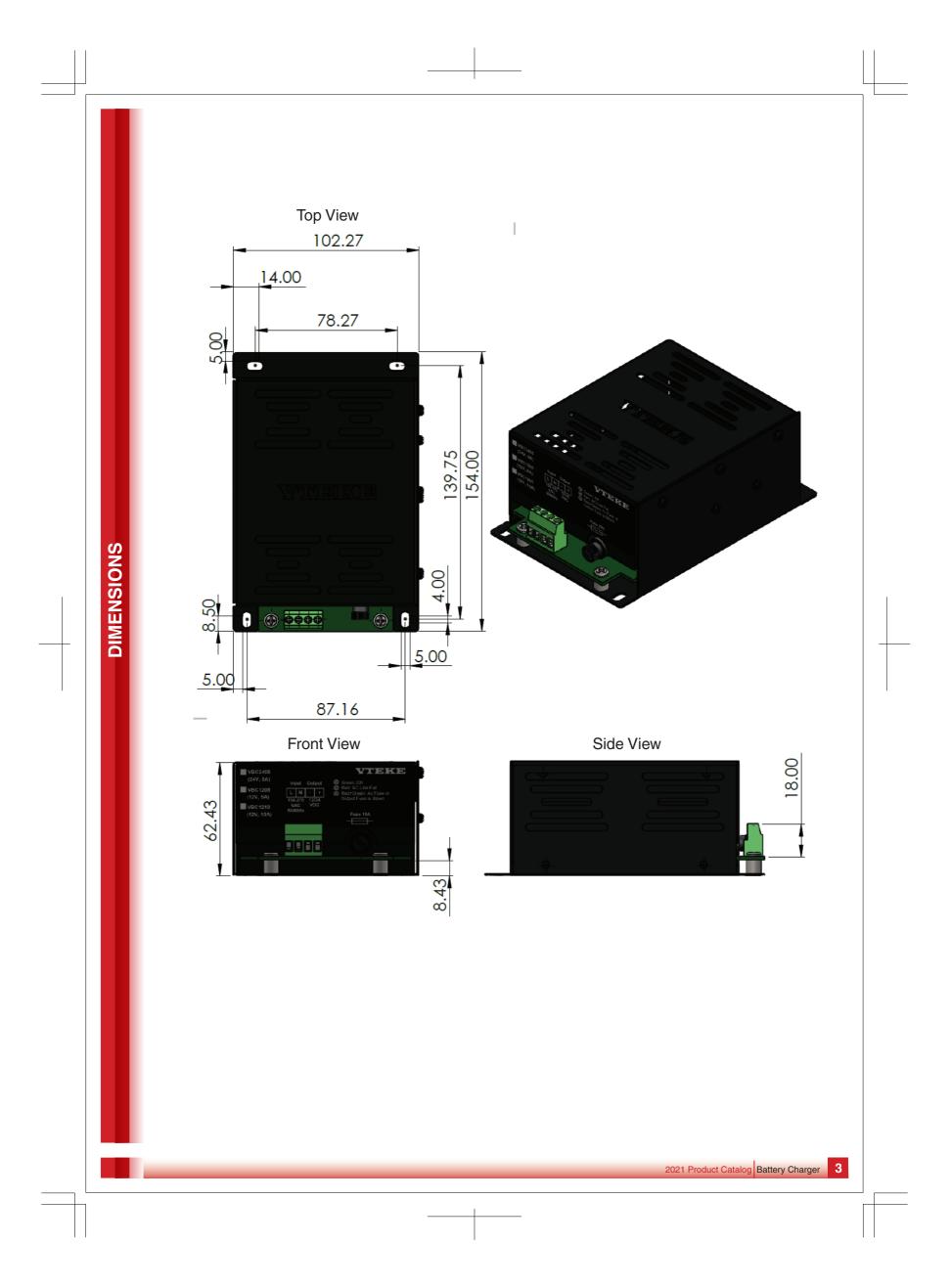
- VBC series is suitable for 12/24/30V storage battery with drawn current of 2A/5A/10A.
- Switch mode power supply technology is used with wide range of input voltage.
- High efficiency

FEATURES

- Compact mechanical design with light weight
- Alarm for input fail and blown fuse
- Reverse polartity protection
- Noise input filter
- Fail/Work OK led indicator



	PARAMETER	VBC1205	VBC1210	VBC2	405	VBC3002	
INPUT	AC Input Voltage	220Vac ± %20	220Vac ± %20			20Vac ± %20	
	DC Input Voltage	200-400Vdc	200-400Vdc			200-400Vdc	
	AC Input Frequency Efficiency	50 - 400Hz >%85	50 - 400Hz >%82			50 - 400Hz >%85	
OUTPUT	PARAMETER	VBC1205	VBC1210	VBC2	405	VBC3002	
	DC Output Voltage	13.80V	13.80V	27.6	0V	34.5V	
	DC Output Charge Current	5A	10A	54	A Contraction of the second se	2.2A	
	Output Power	70W	140W	140	W	70W	
	Output Voltage Ripple	±%1	±%1	±%	1	±%1	
	Voltage Regulation	±%1	±%1	±%		±%1	
	Load Regulation Start-up Time	±%1	±%1 100ms	±%		±%1 100ms	
	PARAMETER VALUE						
SNOITIONS							
OPERATION COND	Working Humidity		20-70%				
OPERA	Stock Temperature		-20C / +70C				
MECHANICAL SPECIFICATIONS	PARAMETER		VALUE				
	Weight		700gr				
	Diemensions (L x W x ł	H)	153 X 98 X 62				
	Mounting	Screw Type Plate Mount	VBC1205	VBC1210	VBC2405	VBC3002	
		DIN RAIL	VBC1205D	VBC1210D	VBC2405D	VBC3002E	
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VBC is using 3-Stage charger method. In this method, battery is charged with current limit (2A, 5A or 10A), when battary current decreases, VBC output voltage becomes constant. At the end of the charge, VBC outputs gets stable with float charge voltage and ensures that batteries are always full.

- Constant Current Mode: Protect Battery Cells.
- Constant Voltage Mode: Reduce the Charging Current.
- Float Charge Mode: Compensation of Internal Self Discharge.

