

BATTERY CHARGER [275W]

VBC-2410
VBC-2410D

VTEKE[®]

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FEATURES

VBC-2410 is driven by a micro controller which provides extra safety, higher performance and longer product life. Available in DIN rail mount (VBC-2410D) or plate mount (VBC-2410).

The microcontroller controls all the charger functions, below are some of them:

- Temperature protection
- Short circuit protection
- Power Derating when the temperature increases (reduction of current from 10A to 5A)
- LED controllers
- Error checks (such as blown out fuse)



INPUT	PARAMETER	VALUE
	AC Input Voltage	185Vac - 270Vac
	DC Input Voltage	250V - 390Vdc
	AC Input Frequency	50 - 400Hz
	Efficiency	>%85

OUTPUT	PARAMETER	VALUE
	DC Output Voltage	27.6V (Battery Voltage 24VDC)
	DC Output Charge Current	10A
	Output Power	275W
	Output Voltage Ripple	±%1
	Voltage Regulation	±%1
	Load Regulation	±%1
Start-up Time	100ms	

OPERATION CONDITIONS	PARAMETER	VALUE
	Working Temperature	-20C / +40C
	Working Humidity	20-70%
	Stock Temperature	-20C / +70C

PROTECTIONS	PARAMETER	VALUE
	Input Protection:	With 5A Fuse
	Output Short Circuit Protection:	With Electronic Protection Can Work Continuously In Short Circuit Conduction With 15A Fuse
	Battery Reverse Connection Protection:	Device Can Work Again By Changing the Output Fuse
	Warning by LEDs:	Green: Device Normally Running Red: Problem in Device Connections
	AC/DC Conversation Method:	SMPS High Frequency Conversation
	Working Frequency:	100kHz