BATTERY CHARGER
VBC-A05

FEATURES

- Multi-output Voltage 12V & 24V
- Reverse Battery Connection Protected
- Output Short Circuit and Overload Protection
- High Temperature Protection
- LED Status Indicator



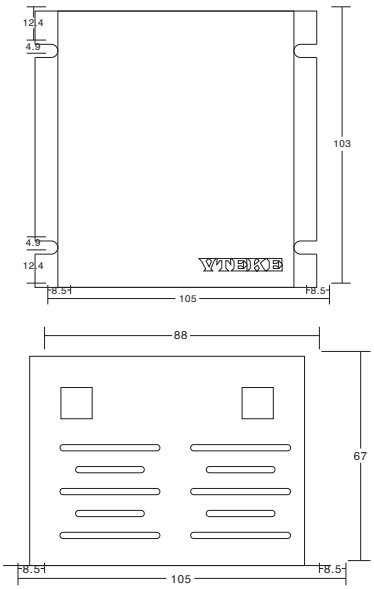
TECHNICAL DATA

PARAMETER	VALUE
AC Input Voltage	150-270 VAC
DC Input Voltage	150-270 VDC
Input Current	mxm 0.87 A
Maximum Input Power	175 Watt
AC Input Frequency	45-78 Hz
Efficiency	> 85%
DC Output Voltage	13.8-27.6 Auto Select
DC Output Charge Current	5.0 A DC
Output Power	160 Watt max. continuous
Output Ripple	< 0.5% of Vo (peak to peak)
Load Regulation	< 0.5% of Vo
Line Regulation	< 0.01% of Vo
Warm up Voltage	< 0.5% of Vo
Overshoot	< 2% of Vo (100% to 0% load change)
Current Consumption from Battery	< 22mA
Overload Protection	Limits output current to 6A
Short Circuit Protection	Limits output current to 6A
High Temperature Protection	Limits internal temp. to 85 °C
Start-up Time	5 sec
Isolation Voltage	2 kV AC

OPERATION CONDITIONS

Max Temperature	75 °C
Ambient Temperature Range	(-30 ... 55 °C)
Storage Temperature Range	(-30 ... 80 °C)
Maximum Relative Humidity	95%
Protection Degree	IP20

DIMENSIONS



CONNECTION DIAGRAM

