

70AH LEAD-ACID BATTERY CHARGER

- * Two options for user:
- * 1. connect to V+/V-,it is a normal SMPS
- * 2. connect to BAT+/BAT-,it is used as a charger for 70AH Battery
- * Protections:OLP/SCP/RBP
- * High efficiency; High reliability.
- * 100%full load burn-in test;



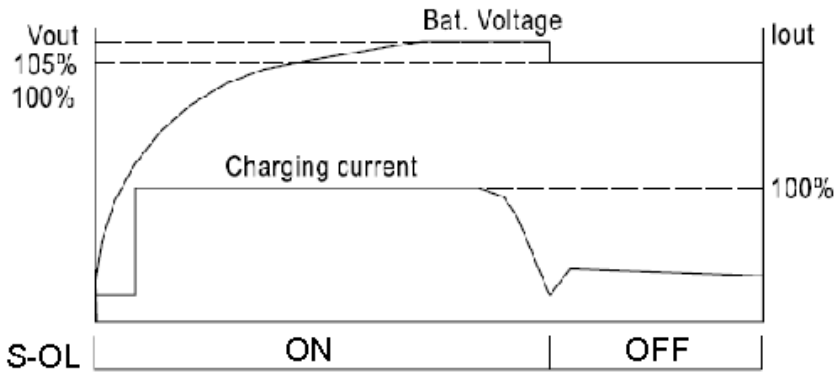
Model: GZT-H100S12III-EX

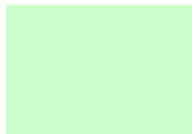
Specification:

All specification are typical at nominal input, full load at 25 degrees C otherwise stated.

INPUT	Input Voltage Range	176Vac~265Vac
	Input Frequency (Hz)	47Hz~63Hz
	Rated Input Voltage	220Vac
	Efficiency (%)	81% typ
	Inrush Current	<50A
	Input Current	<1.4A
OUTPUT	Output Voltage	V+/BAT+ +12V
	Load Current	0.85A~8.5A
	Line Regulation	<±0.5%
	Load Regulation	<±5.0%
	Ripple & Noise (mVp-p) 0~20MHz	<120mVP-P
	Temperature coefficient	<0.03%/°C
	Adjusted Voltage	11.40V~13.80V
	Start-up Time	<1.0S
	Hold-up Time	> 20mS
PROTECTION FUNCTION	Over Load Protection	10-10.5A, Constant Current
	Short Circuit Protection	Shut Down
	Reverse Battery Protection(When SMPS use as a charger)	BAT+ no output
LED INDICATION	S-PG	Power Good Indication
	S-OL	Charging Status Indication
	S-RB	Reverse Battery Indication
ISOLATION	Primary to Secondary	1.5KVAC/min, Cutoff current<10mA
	Primary to P.G	1.5KVAC/min, Cutoff current<10mA
	Secondary to P.G	0.5KVDC/min, Cutoff current<10mA
ISOLATION RESISTANCE	Primary to Secondary	>100MΩ
	Primary to P.G	>100MΩ
	Secondary to P.G	>100MΩ
STRUCTURE	Dimensions(L*W*H)	199×98×40 (mm)
	Cooling method	free air convection
ENVIRONMENT	Operating temperature & humidity	0°C~45°C, 20%~90% RH
	Storage temperature & humidity	-10°C~55°C, 10%~95% RH
NOTE	1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient t 2. Ripple& noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1 parallel capacitor . 3. Tolerance: includes set up tolerance, line regulation and load regulation . 4. If the battery voltage is lower than 8.1Vdc,the SMPS don't charge the battery	

Charging Curve:





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