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Security System Power Supply

We provide reliable power solutions for security system



Specification

Models	31-xxxx
Input Rating	AC100 ~ 240V, 50/60Hz
Output Rating	DC 9V ~ 30V, 1A ~ 3A
AC Standby Power	< 0.1W
Energy Efficiency	DoE (Level VI) / ErP
Protection	Short circuit, over load, over voltage, high temperature
Safety Approval	UL / FCC / CB / CE / EMC
Operating Temperature	0 ~ 40°C
Storage Temperature	-20 ~ 60°C
Input Plug	UL / VDE / BSI
Output Connection	Cable / Terminals



Lead-acid Battery Charger

Lead-acid batteries are rechargeable batteries that contain lead electrodes with diluted sulphuric acid acting as an electrolyte. Lead-acid batteries used for stationary applications are known as SLA batteries.

Each cell in a typical lead-acid battery generates approximately 2 volts. Despite that SLA batteries have very low energy-to-weight and energy-to-volume ratios, they have the ability to supply high surge current. This feature combined with the cost competency drive the growth of the SLA Battery market.

Application



Electric Wheelchairs



Electric Golf Carts

Usage of Battery

	AGM	GEL
27-0006 (3.5A)	10~35Ah	10~35Ah
27-0007 (5A)	25~50Ah	25~50Ah
27-0008 (8A)	26~75Ah	26~75Ah

AGM (absorbed glass mat) battery is designed to wick the battery electrolyte between the battery plates. It contains only enough liquid to keep the mat wet with the electrolyte. If battery is broken, no free liquid is available to leak out.

GEL contains a silica type gel that the battery electrolyte is suspended in. This thick paste like material allows electrons to flow between plates and no leakage from battery even the case is broken.

12V SLA Battery Charger series

Specification		2A	3.5A	5A	8A
Input		AC100-240V	AC100-240V	AC100-240V	AC100-240V
Input Frequency		50-60Hz	50-60Hz	50-60Hz	50-60Hz
Output volt	Bulk Charge	DC6.6V - 14.8V	DC6.6V - 14.8V	DC6.6V - 14.8V	DC6.6V - 14.8V
	Float charge	DC13.8V	DC13.8V	DC13.8V	DC13.8V
Output current	Bulk Charge	2A	3.5A	5A	8A
	Float Charge	0.5A	0.5A	0.5A	0.5A
Charging protection		Over current/ high temperature / short circuit			
LED indication	LED1	Red – Power ON Green – Charging			
	LED2	LED ON – Quick charge, LED OFF – Floating charge			
Operation Temperature		0°C ~ 40°C			
Storage Temperature		-20°C ~ 60°C			
AC cord		UL / VDE / BSI / SAA			



24V SLA Battery Charger series

Specification		2A	3.5A	5A	8A
Input		AC100-240V	AC100-240V	AC100-240V	AC100-240V
Input Frequency		50-60Hz	50-60Hz	50-60Hz	50-60Hz
Output volt	Bulk Charge	DC13.2V - 29.6V	DC13.2V - 29.6V	DC13.2V - 29.6V	DC13.2V - 29.6V
	Float charge	DC27.6V	DC27.6V	DC27.6V	DC27.6V
Output current	Bulk Charge	2A	3.5A	5A	8A
	Float Charge	0.5A	0.5A	0.5A	0.5A
Charging protection		Over current/ high temperature / short circuit			
LED indication	LED1	Red – Power ON Green – Charging			
	LED2	LED ON – Quick charge, LED OFF – Floating charge			
Operation Temperature		0°C ~ 40°C			
Storage Temperature		-20°C ~ 60°C			
AC cord		UL / VDE / BSI / SAA			