

Product Specification

GUDY ELECTRONICS LTD.

We Charge Your Business

Tel:+86-755-27810525 Fax: +86-755-27810505 Email:info@gudycharger.com [Http://www.gudycharger.com](http://www.gudycharger.com)

SPECIFICATION		PREPARED BY		APPROVE BY
MODEL:	G60-12A	TaoXiang Jiang		Alan Xiao
ISSUE DATE :	10/30/2025		REV: 1.0	PAGE: 1 OF 1

12V 3.3A Intelligent Battery Charger

	ITEM	UNIT	SPECIFICATION	REMARK
INPUT				
01	Rating Input Voltage	V ac	100~240Vac 50/60Hz	
02	Input Voltage range	V ac	90~264Vac	
03	Rating Input Current	A	1.0Arms	INPUT:100V OUTPUT: Full load
OUTPUT				
04	No load output voltage	V dc	DC2.37V	
05	Output voltage range	V dc	DC10.0~14.7V	
06	Suitable with Battery type		SLA VRLA Gel AGM Wet	Only use with 12v batteries
07	Constant Charge current	A	3.3A ±10%	
08	Constant Voltage	V	DC14.7V ±0.3V	Can be customized
9	Floating charge voltage	V	DC13.2-13.8V	
10	Typical charge time	Hour	8-10 Hrs (Overnight).	Depends on battery capacity.
11	Max. output power	W	48.5	
12	Power LED(Red LED)		Red	Power on
	Charging LED(4 green LEDs)		All off	No battery
			All on	Finished.
			All on	Error. Reverse or short circuit.
			Flashing one by one	Charging
13	Output protections	-	Short-circuit, OCP, OVP...	
14	Efficiency	%	≥82%	
Environment				
15	Operate temperature	°C	-10~ +40	Full load & natural convection.
16	Operate humidity	%RH	< +90	Relative humidity, non-condensing.
17	Storage temperature	°C	-20 ~ +60	
18	Storage humidity	%RH	0 ~ +95	Relative humidity, non-condensing.
19	Cooling	-	Natural convection	
20	Vibration resistance	-	5MM/50HZ/600S	Non-operating condition.
21	Impact resistance	-	1 meter drop test ≥ 3 times	Non-operating condition.
Mechanical				
22	Weight	g/lb	270g (0.60lb)	
23	Size	mm/in	127X67X38mm (5*2.64*1.5in)	Casing only
24	Input power Cord	-	C8	
Safety				
25	Max. temperature rise	°C/°F	< 40°C/104°F on casing	At any line and Max. Load.
26	Safety standards	-	cTUVus, CE, PSE	
27	MTBF	hrs	30000	

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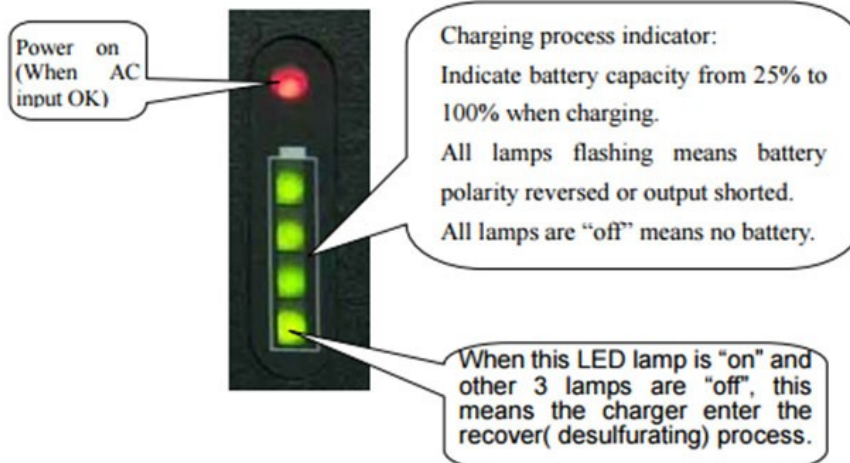
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Display Panel



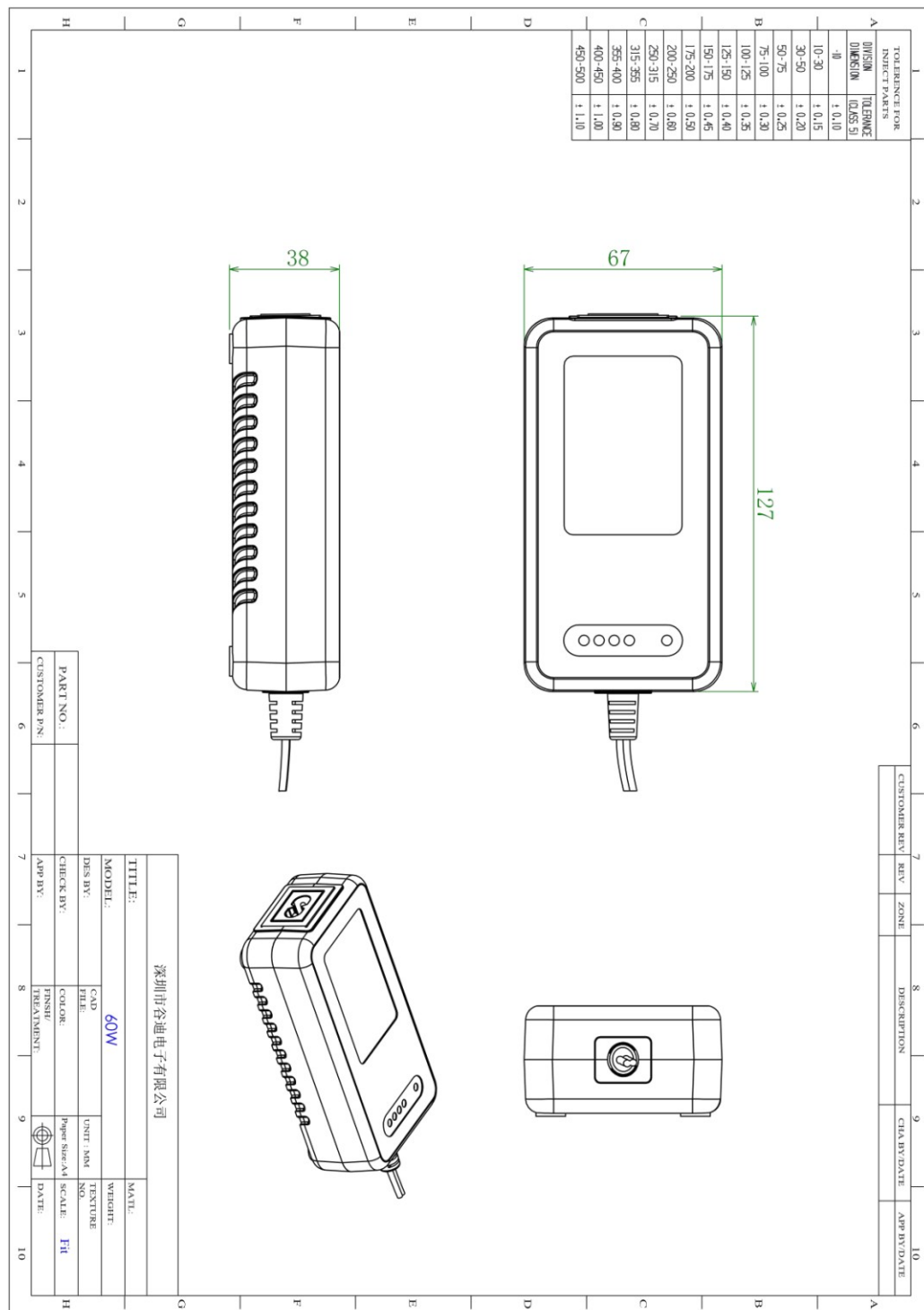
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Charge Curve:

