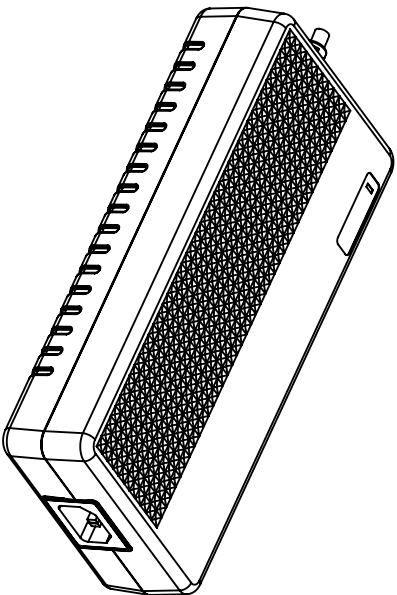
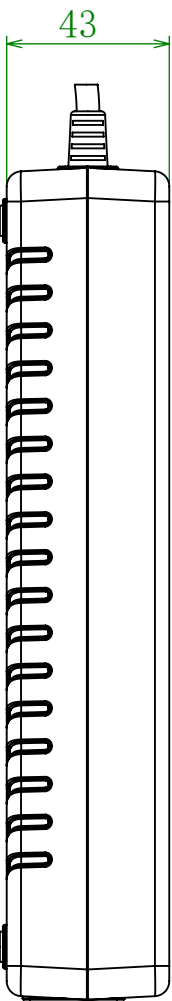
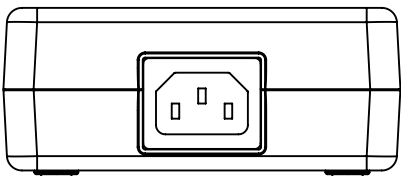
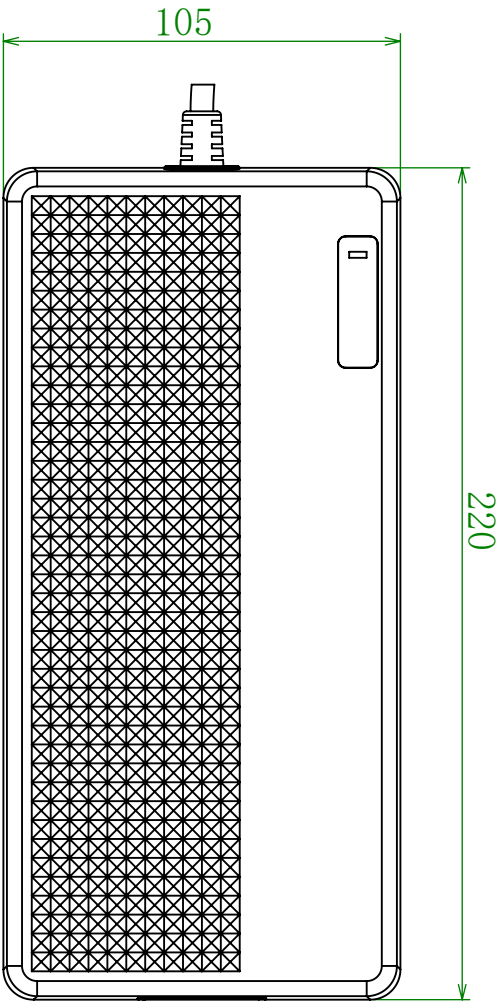


G300-150200 (15.0V 20.0A) Power Adapter

Item	Specification	Remark
1.Input		
Rating input voltage	100~240Vac 50/60Hz	
Input voltage range	90~264Vac	
Rating input current	4.5Arms	Input:100VAC Output:Full load
Power factor	PF>0.98	Input:115VAC Output:Full load
	PF>0.94	Input:230VAC Output:Full load
Efficiency	92.0%	Input:115VAC Output:Full load
	94.0%	Input:230VAC Output:Full load
Standby power	160mW	Input:115VAC&230VAC
Inrush current	50A/115VAC 80A/230VAC	Cold-start and 25℃,Full-load
Leakage current	<500uA	240VAC
2.Output		
Output voltage	15V	
Output current range	0-20A	
Rated maximum power	300W	
Voltage tolerance	±2%	
Voltage regulation	±1%	
Load regulation	±5%	
Start-up time	300ms	Input:115VAC Output:Full load
Rise time	30ms	Input:115VAC Output:Full load
Hold time	20ms	Input:115VAC Output:Full load
Ripple voltage	250mV	20MHz , AC coupling mode, connected in parallel with 0.1uf ceramic capacitor and 47uf electrolytic capacitor
3.Protect		
OLP	110-160% , Lock mode	
OVP	Lock mode	
SCP	Lock mode	
OTP	Lock mode	
4.Environment		
Operate temperature	-10 ~ +40℃	
Operate humidity	< +90%	Relative humidity
Storage temperature	-40 ~ +70℃	
Storage humidity	0 ~ +95%	Relative humidity
Cooling	Natural	
Vibration resistance	5MM/50HZ/600S	Non-operating condition
Impact resistance	1 meter drop test 3 times	Non-operating condition
5.Mechanical		
Weight	1.3Kg	
Size	220X105X44MM	Casing only
Connector	Refer to order	
6.Safety		
Max. temperature rise	< 40℃ on casing	
Safety approval	CE	
MTBF	30000H	
ESD	8.0KV	
Hi-Pot Insulation	i/p to o/p: 3000V (1 min)	

CUSTOMER REV	REV	ZONE	DESCRIPTION	CHA BY/DATE	APP BY/DATE
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Shenzhen Green Digital Power-Tech CO., LTD

Shenzhen Green Digital Power-Tech CO., LTD					
TITLE:			MATL:		
MODEL:			G300-XXXXXX		
DES BY:	CAD FILE:	UNIT : mm		TEXTURE NO.	
CHECK BY:	COLOR:	Paper Size:A4		SCALE:	Fit
APP BY:	FINSH/ TREATMENT:			DATE:	
PART NO.:					
CUSTOMER P/N:					