



■ Features :

- AC/DC converter
- LED Constant current output: 320mA
- Two Usb Output
- Wide input voltage: 100 ~ 265VAC
- Wide output LED string voltage: 16 ~ 20VDC
- Built-in EMI filter, comply with EN55015 and FCC part15 without additional input filter and capacitors
- Protections: Short circuit
- Cooling by free air convection
- Compact size
- Low cost, high reliability
- Suitable for driving illumination LED
- 5 years warranty

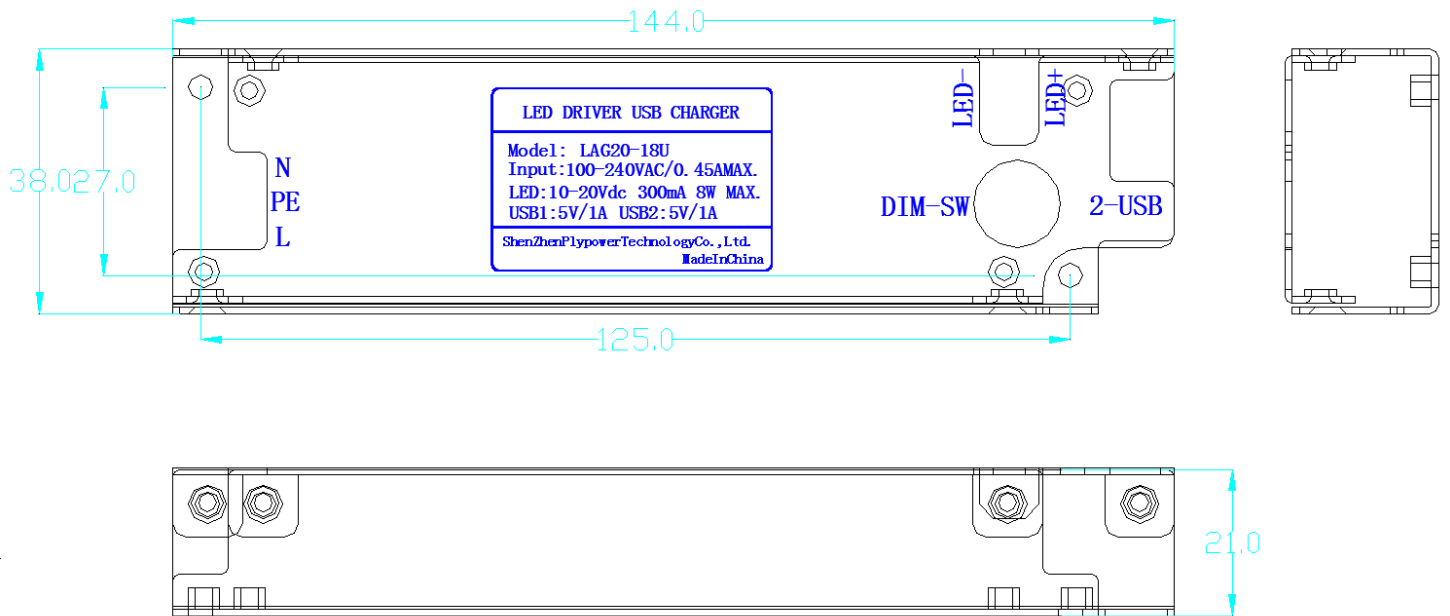


SPECIFICATION

ORDER NO.		LAG20-18U	
OUTPUT	LED CURRENT RANGE		320mA
	USB1 CURRENT		1A
	USB2 CURRENT		1A
	LED VOLTAGE RANGE		16-20V
	USB1 VOLTAGE		5V
	USB2 VOLTAGE		5V
	CURRENT ACCURACY (Typ.)		±5%
	RIPPLE & NOISE(max.) Note.2		300mVp-p
LED NO LOAD OUTPUT VOLTAGE		40VDC	
INPUT	VOLTAGE RANGE		100~ 265VAC
	EFFICIENCY (max.)	18VDC	88%
	INPUT CURRENT	Full load	0.6A (max)
PROTECTION	SHORT CIRCUIT		Protection type: Can be continued, recovers automatically after fault condition is removed
ENVIRONMENT	WORKING TEMP.		-20 ~ + 55℃
	WORKING HUMIDITY		20% ~ 90% RH non-condensing
	STORAGE TEMP., HUMIDITY		-30~ +85℃, 10 ~ 95% RH
	TEMP. COEFFICIENT		±0.03% / °C
EMC	VIBRATION		10 ~ 500Hz, 2G 10min./1 cycle, period for 60min. each along X, Y, Z axes
	EMC EMISSION		Compliance to EN55015, FCC part 15 class B
EMC IMMUNITY		Compliance to EN61000-4-2,3,4,6,8, light industry level, criteria A	
OTHERS	MTBF		2000Khrs min. MIL-HDBK-217F (25℃)
	DIMENSION		144*39*22mm (L*W*H)
	WEIGHT		200g
	POTTING MATERIAL		Epoxy(UL94-V0)
NOTE	1. All parameters are specified at normal input(220VAC), rated load, 25℃ 60% RH ambient. 2. Ripple & noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1uf capacitor.		

Mechanical Specification

Unit: mm



Standard Application

