

Typical Performance

FEATURES

- Wide Input voltage range
- Typical Efficiency:85%
- Switching frequency: 200KHz
- Short circuit protection,Self-furbish,input over voltage protection
- Input-output isolate 2000VDC
- Metal case, Low Output Ripple
- Chassis mount
- Silicone filling and sealing, dust proof,moisture proof, high reliability



3-Years Product Warranty

Technology parameter Test condition:General Nominal Line,Tc=25°C , Rated resistant load unless other wispecified

Input Feature	Min	Nom	Max	Notes
Input voltage(Vac)	85VAC	220VAC	265VAC	
	165VAC	220VAC	265VAC	

Output Feature

Voltage accuracy				±1.0%
Line regulation				±0.2%
Load regulation				±0.5%
Over current protection		120%~200% ,output will be turn off,self-recover		
Ripple and noise				1% of Vout

General Feature

Efficiency				85% typical
Operating temperature	Free air		Industrial level	-25°C ~ +55°C
Storage temperature				-40°C ~ +125°C
Relative humidity				10%~90%

case material			Metal case
Isolation Voltage	Input-Output		2000VDC
	Input-Case		500VDC
	Output-Case		500VDC
Temperature Coefficient			$\leq \pm 0.05\%/^{\circ}\text{C}$
Cooling			Natural Convection, or add heatsink
MTBF	5X10 ⁵ Hrs		

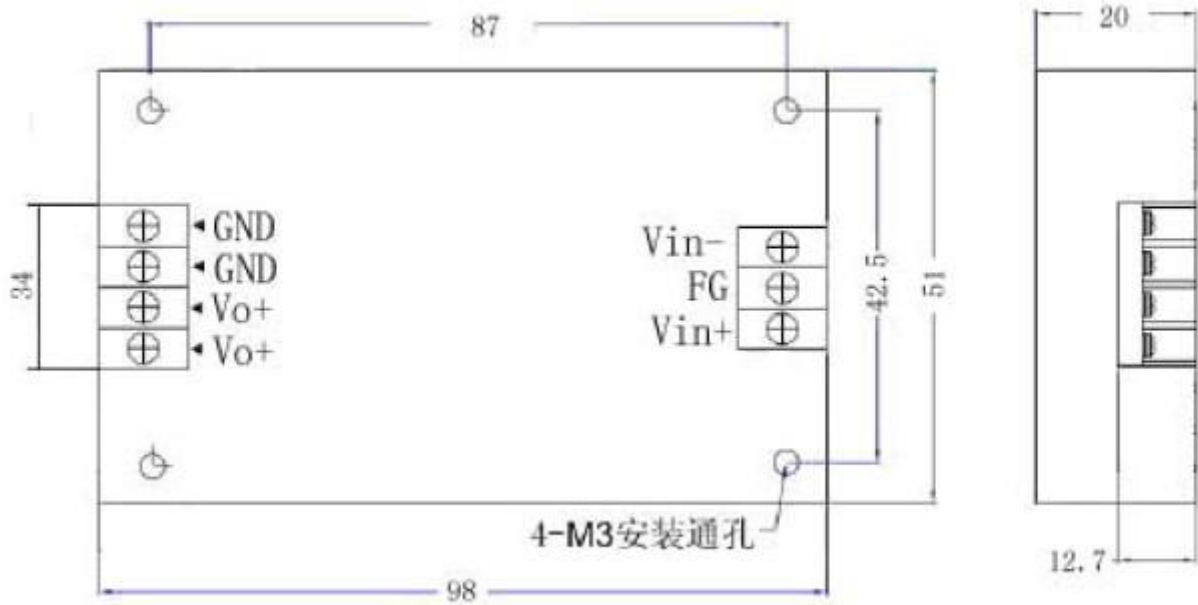
Product Nomination Method

example	L A 50 E - 48 S 05 ① ② ③ ④ ⑤ ⑥ ⑦						
①	Wide input voltage	⑥		S=Single route output, D=Dual route output, T=Triple route output, Q=Quadruple output			
②	Power adaptation mode: A (AC-DC)	⑦		output voltage			
③	Output power(W)						
④	Vehicle power supply						
⑤	Normal input voltage						

Product Program

PART #	Input voltage range	Output voltage / current					
		VO1		VO2		VO3	
		V	mA	V	mA	V	mA
LA50E-220S05	220V(85~265VAC) 120~380VDC	5V	10000mA				
LA50E-220S12		12V	4200mA				
LA50E-220S15		15V	3300mA				
LA50E-220S24		24V	2100mA				
LA50E-220S28		28V	1750mA				
LA50E-220S48		48V	1000mA				

Mechanical Dimension



BOTTON VIEW

Mechanical Data

WATT	L x W x H	Packing No.
50W	98*51*20mm	E

*Note: The power modules such as the definition of the pin does not match with the hand book, please refer to the actual item.