

**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)	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			≤±0.05%/°C
Cooling			Natural Convection, or add heatsink
MTBF	5X10 <sup>5</sup> Hrs		

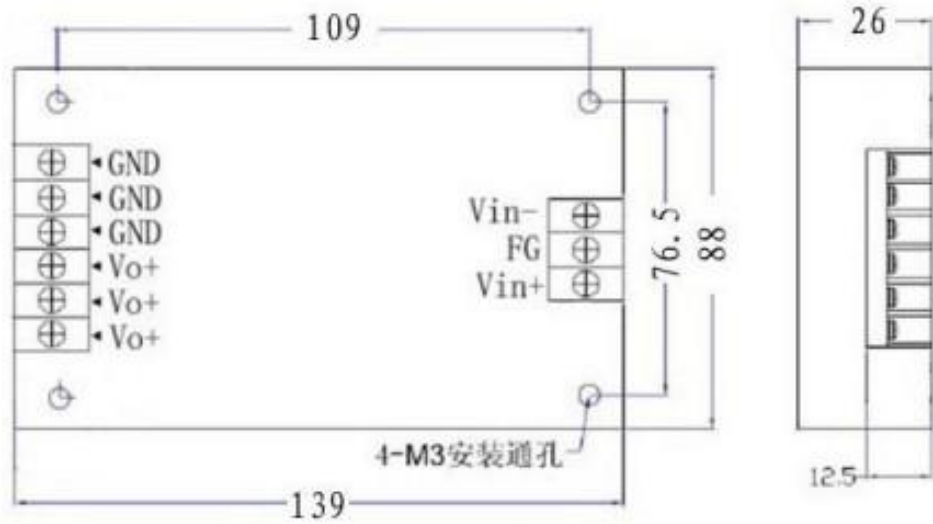
### Product Nomination Method

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	A	V	A	V	A
LA250E-220S05	220V(165~265VAC) 200~380VDC	5V	50A				
LA250E-220S12		12V	20.83A				
LA250E-220S15		15V	16.67A				
LA250E-220S24		24V	10.42A				
LA250E-220S28		28V	8.93A				
LA250E-220S48		48V	5.21A				

### Mechanical Dimension



BOTTOM VIEW

### Mechanical Data

WATT	L x W x H	Packing No.
250W	139*88*26mm	

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