

Typical Performance

FEATURES

- Wide Input voltage range (2:1)
- Typical Efficiency:81%
- Switching frequency: 200KHz
- Short circuit protection,Self-furbish,input over voltage protection
- Input-output isolate 1500VDC
- Metal case, Low Output Ripple
- Chassis mount
- Silicone filling and sealing, dustproof,moistureproof, high reliability
- Optional heatsink



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

Input Feature	Min	Nom	Max	Notes
Input voltage(Vdc)	9	12	18	W 2:1
	18	24	36	W 2:1
	36	48	72	W 2:1
	72	110	144	W 2:1

Output Feature

Voltage accuracy				±2.0%
Line regulation				±0.2%
Load regulation				±0.5%
Over current protection		120%~200% ,output will be turn off,self-recover		
Ripple and noise				100mV

General Feature

Efficiency			82% typical
Switching frequency			200KHz 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		1500VDC
	Input-Case		1500VDC
	Output-Case		1500VDC
Temperature Coefficient			≤±0.05%/°C
Cooling			Natural Convection,or add heatsink
MTBF	5X10 ⁵ Hrs		

Product Nomination Method

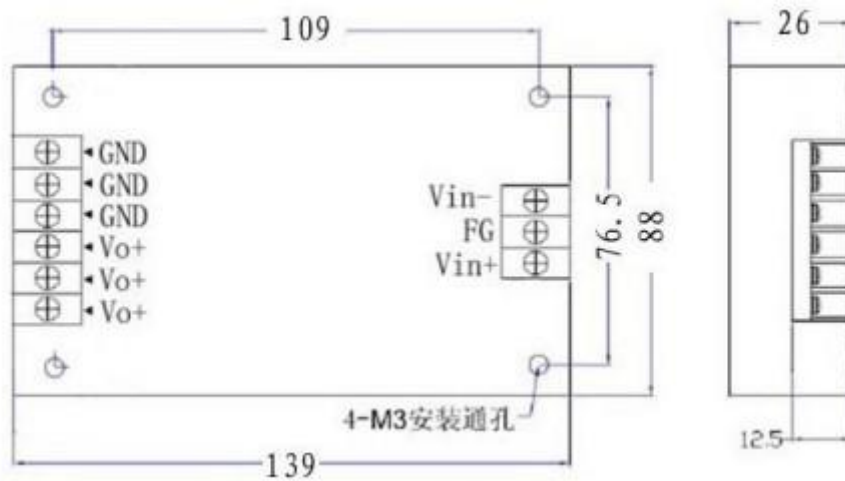
example	L D 150 E - 48 S 05						
	①	②	③	④	⑤	⑥	⑦
①	Wide input voltage: 2: 1			⑥	S=Single route output, D=Dual route output, T=Triple route output, Q=Quadruple output		
②	Power adaptation mode: D (DC-DC)			⑦			
③	Output power(W)						
④	Vehicle power supply				output voltage		
⑤	Normal input voltage						

Product Program

PART #	Input voltage range	Output voltage / current					
		VO1		VO2		VO3	
		V	A	V	A	V	A
LD200E-12S12	12V(9~18V)	12V	16.67A				
LD200E-12S15		15V	13.33A				
LD200E-12S24		24V	8.33A				
LD200E-12S28		28V	7.14A				
LD200E-12S48		48V	4.17A				
LD200E-24S12	24V(18~36V)	12V	16.67A				
LD200E-24S15		15V	13.33A				
LD200E-24S24		24V	8.33A				
LD200E-24S28		28V	7.14A				

LD200E-24S48		48V	4.17A			
LD200E-48S12	48V(36~72V)	12V	16.67A			
LD200E-48S15		15V	13.33A			
LD200E-48S24		24V	8.33A			
LD200E-48S28		28V	7.14A			
LD200E-48S48		48V	4.17A			
LD200E-110S12		110V(72~144V)	12V	16.67A		
LD200E-110S15	15V		13.33A			
LD200E-110S24	24V		8.33A			
LD200E-110S28	28V		7.14A			
LD200E-110S48	48V		4.17A			

Mechanical Dimension



BOTTOM VIEW

Mechanical Data

WATT	L x W x H	Packing No.
200W	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.