

FEATURES:

- Comply with RoHS standard,UL1950,IEC950 safety procedures
- Wide voltage input range, broadband noise filtering; Low ripple output
- Typical efficiency 85%
- High isolation voltage, short circuit,overload,overheat protection self-recovery
- Miniaturized design
- Fast dynamic response
- Size:500*330*124mm
- Weight:13KG
- Widely used in military,communications,industrial control,transportation,electric power,new energy and scientific research and experiment and other fields



Selection Guide

Part No.	INPUT		OUTPUT				CapacitiveLoad(μF)
	Normal (VDC)	Range (VDC)	Voltage (V1dc)	current (A)	Voltage (V2dc)	current (A)	
LDF7000E-24S24	24	18-36	24	292			
LDF7000E-24S28			28	250			
LDF7000E-24S48			48	146			
LDF7000E-48S24	48	36-72	24	292			
LDF7000E-48S28			28	250			
LDF7000E-48S48			48	146			
LDF7000E-110S24	110	72-144	24	292			
LDF7000E-110S28			28	250			
LDF7000E-110S48			48	146			
LDF7000E-300S24	300	200-400	24	292			
LDF7000E-300S28			28	250			
LDF7000E-300S48			48	146			
LDF7000E-600S24	600	400-800	24	292			
LDF7000E-600S28			28	250			
LDF7000E-600S48			48	146			
LDF8000E-24S24	24	18-36	24	333			
LDF8000E-24S28			28	286			
LDF8000E-24S48			48	167			
LDF8000E-48S24	48	36-72	24	333			
LDF8000E-48S28			28	286			
LDF8000E-48S48			48	167			
LDF8000E-110S24	110	72-144	24	333			
LDF8000E-110S28			28	286			
LDF8000E-110S48			48	167			
LDF8000E-300S24	300	200-400	24	333			
LDF8000E-300S28			28	286			
LDF8000E-300S48			48	167			

LDF8000E-600S24	600	400-800	24	333			
LDF8000E-600S28			28	286			
LDF8000E-24S48			48	167			
LDF9000E-24S24	24	18-36	24	375			
LDF9000E-24S28			28	321			
LDF9000E-24S48			48	188			
LDF9000E-48S24	48	36-72	24	375			
LDF9000E-48S28			28	321			
LDF9000E-48S48			48	188			
LDF9000E-110S24	110	72-144	24	375			
LDF9000E-110S28			28	321			
LDF9000E-110S48			48	188			
LDF9000E-300S24	300	200-400	24	375			
LDF9000E-300S28			28	321			
LDF9000E-300S48			48	188			
LDF9000E-600S24	600	400-800	24	375			
LDF9000E-600S28			28	321			
LDF9000E-600S48			48	188			

customized accepted,pls contact sales for details

Input Specifications

Input Voltage Range	Input Voltage Range (Vdc)	Nom(Vdc)	Max (Vdc)
	18-36	24	36
	36-72	48	72
	72-144	110	144
	200-400	300	400
	400-800	600	800

Output Specifications

Item	Min	Typ	Max	Test Conditions
Voltage Accuracy		±1%		
Voltage Adjust Rate		±0.2%		
Load Regulation		±0.5%		
Auxiliary Voltage Accuracy		±3%		
Ripple&Noisy		±1%		
Temperature Regulation		±0.02%/°C		
Over Current Protect	120%		150%	
Short Circuit Protect	Burp type, self-recovery			
Dynamic Response	400μS		25% load	

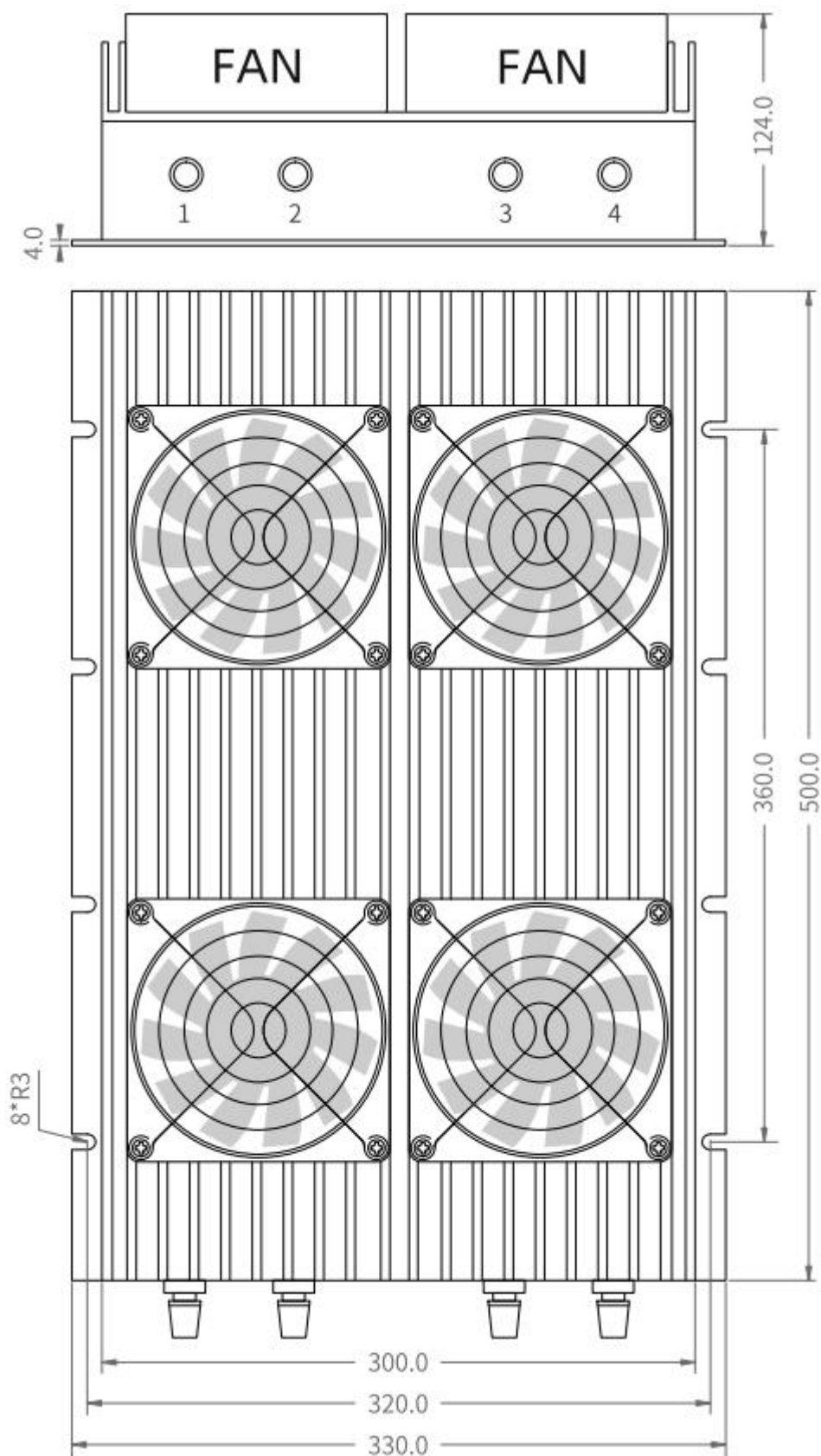
General Specifications

Isolation Resistor	200MΩ	Input-Output
Isolation Voltage	1000VDC	Input-Output
	500VDC	Input-Case

	500VDC	Output-Case
Switching Frequency	300KHz	Mil HDBK 217F Tc=25℃
MTBF	200000Hrs	
Case Temperature	-40~+100℃	
Storage Temperature	-55~+125℃	
Relative Humidity	5%-90%	
Pin Solder Temperature	250℃	Soldering spot is 1.5mm away from case for 10 seconds
Hand Soldering Time	5s	Iron Temperature 425℃
Temperature Coefficient	±0.02%/℃	
Shock	5G	10~55Hz
Cooling	Free Air	
Weight	13KG (Typ)	

**Unless specified, otherwise all other parameters are tested under the following conditions: nominal input voltage, pure resistive load, 25℃ room temperature environment.

Dimensions



Unit:mm

Note

All the testing methods for the indicators in this manual are in accordance with the enterprise standards of our company.

(2) Unless otherwise specified, all the indicators in this manual are measured at $T_a=25^{\circ}\text{C}$, humidity $<75\%$, nominal input voltage and output rated load. The output characteristic index is for the load under pure resistive conditions. If it is not a pure resistive load, it needs to be specified separately.

(3) If the product operates in a complex environment, it cannot be guaranteed that all performance indicators of the product comply with those in this manual.

(4) Our company can provide customized products for unconventional voltages. For specific requirements, please contact our technical personnel directly.

The final interpretation right of the product belongs to ECCO ELECTRONICS