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:400*310*115mm
- Weight:10KG
- 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)
	Norminal (VDC)	Range (VDC)	Voltage (V1dc)	current (A)	Voltage (V2dc)	current (A)	
LDF4000E-24S24	24	18-36	24	167			
LDF4000E-24S28			28	143			
LDF4000E-24S48			48	83			
LDF4000E-48S24	48	36-72	24	167			
LDF4000E-48S28			28	143			
LDF4000E-48S48			48	83			
LDF4000E-110S24	110	72-144	24	167			
LDF4000E-110S28			28	143			
LDF4000E-110S48			48	83			
LDF4000E-300S24	300	200-400	24	167			
LDF4000E-300S28			28	143			
LDF4000E-300S48			48	83			
LDF4000E-300S100			100	40			
LDF4000E-300S200			200	20			
LDF4000E-300S300			300	13.3			
LDF4000E-300S400			400	10			
LDF4000E-300S500			500	8			
LDF4000E-300S600			600	6.7			
LDF4000E-300S700			700	5.7			
LDF4000E-300S800			800	5			
LDF4000E-600S24	600	400-800	24	167			
LDF4000E-600S28			28	143			
LD4000E-600S48			48	83			
LDF4000E-600S100			100	40			
LDF4000E-600S200			200	20			
LDF4000E-600S300			300	13.3			
LDF4000E-600S400			400	10			

LDF4000E-600S500			500	8			
LDF4000E-600S600			600	6.7			
LDF4000E-600S700			700	5.7			
LDF4000E-600S800			800	5			
LDF5000E-24S24	24	18-36	24	208			
LDF5000E-24S28			28	179			
LDF5000E-24S48			48	104			
LDF5000E-48S24	48	36-72	24	208			
LDF5000E-48S28			28	179			
LDF5000E-48S48			48	104			
LDF5000E-110S24	110	72-144	24	208			
LDF5000E-110S28			28	179			
LDF5000E-110S48			48	104			
LDF5000E-300S24	300	200-400	24	208			
LDF5000E-300S28			28	179			
LDF5000E-300S48			48	104			
LDF5000E-300S100			100	50			
LDF5000E-300S200			200	25			
LDF5000E-300S300			300	16.7			
LDF5000E-300S400			400	12.5			
LDF5000E-300S500			500	10			
LDF5000E-300S600			600	8.3			
LDF5000E-300S700			700	7.1			
LDF5000E-300S800			800	6.25			
LDF5000E-600S24	600	400-800	24	208			
LDF5000E-600S28			28	179			
LDF5000E-600S48			48	104			
LDF5000E-600S100			100	50			
LDF5000E-600S200			200	25			
LDF5000E-600S300			300	16.7			
LDF5000E-600S400			400	12.5			
LDF5000E-600S500			500	10			
LDF5000E-600S600			600	8.3			
LDF5000E-600S700			700	7.1			
LDF5000E-600S800			800	6.25			
LDF6000E-600S24	24	18-36	24	250			
LDF6000E-600S28			28	214			
LDF6000E-600S48			48	125			
LDF6000E-600S24	48	36-72	24	250			
LDF6000E-600S28			28	214			
LDF6000E-600S48			48	125			
LDF6000E-600S24	110	72-144	24	250			

LDF6000E-600S28			28	214			
LDF6000E-600S48			48	125			
LDF6000E-600S24	300	200-400	24	250			
LDF6000E-600S28			28	214			
LDF6000E-600S48			48	125			
LDF6000E-600S24	600	400-800	24	250			
LDF6000E-600S28			28	214			
LDF6000E-600S48			48	125			

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%/℃		
Over Current Protect	120%		150 %	
Short Circuit Protect	Burp type, self-recovery			
Dynamic Response	400μS		25% load	

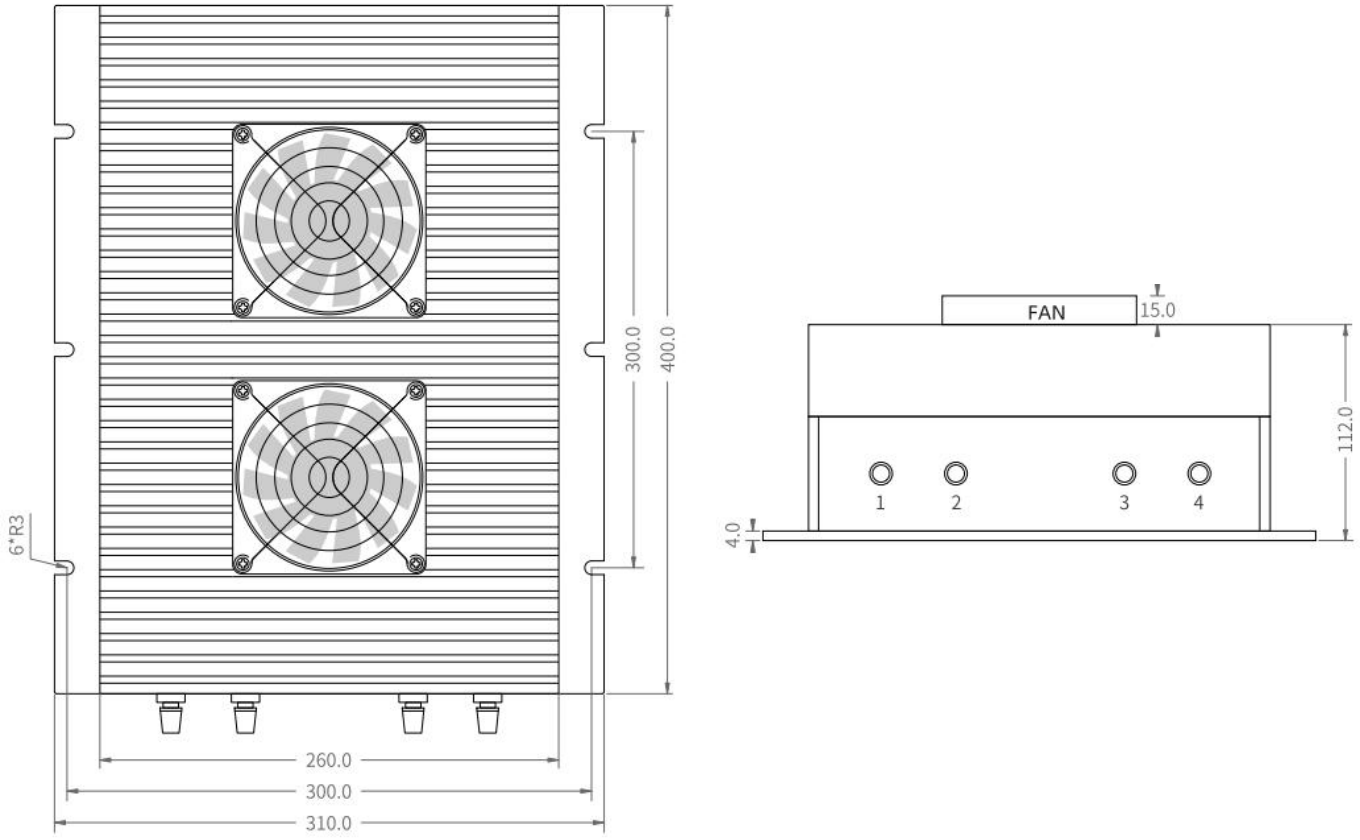
Gerneral Specifications

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	10KG（Typ）	

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

Dimensions and Recommended Layout



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 Ta=25℃,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