CFBAP300 Series

AC-DC module converter

华阳长丰 CHEWINS®

AC/DC便装电源

典型性能 FEATURES

- 300瓦功率输出(300Watts of Output Power)
- 单路输出(Single)
- 宽电压输入(Wide Input Range)
- 六面金属屏蔽封装(six sides metal encapsulation)
- 接线端子出线方式(Terminal terminal)

电气特性 ELECTRICAL SPECIFICATIONS

输入特性Input	Min	Nom	Max	Notes
输入电压Vac Input Voltage	165(200Vdc)	220	265(375Vdc)	
输入频率Hz Input Frequency	45		65	
输出特性Output				
输出电压精度 Setpoint Accuracy		±1%		Vo1
源效应 Line Regulation			±0.2%	
负载效应 Load Regulation			±0.5%	
纹波与噪声 Ripple and Noise			50mVp-p 100mVp-p 200mVp-p	Vo≤5Vdc Other Vo≥48Vdc
温度系数 Temperature Coefficient		±0.1%/℃		
综合特性General				
隔离电压 Isolation Voltage			2500Vac/1min/5mA 1500Vac/1min/5mA 500Vdc/1min/5mA	Input-Output Input-Case Output- Case
开关频率 Switching Frequency	60KHz		100KHz	
MTBF		3×10^5h		
工作环境温度(满载不降额) Case Temperature	-30℃ -40℃		+55℃ +70℃	Military 工业级 Military PJ 普军级
储存温度 Storage Temperature	-55℃		+125℃	
相对湿度 Relative Humidity	10%		90%	
短路保护 Short-Circuit Protection	短路自恢复 Continuous,Automatic Recovery			

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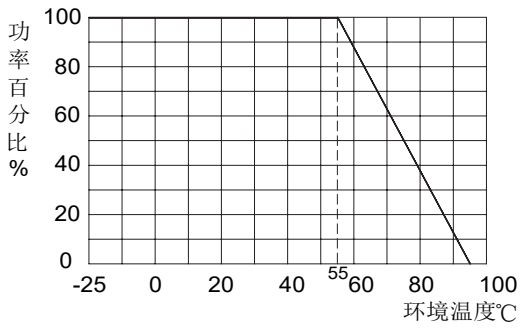
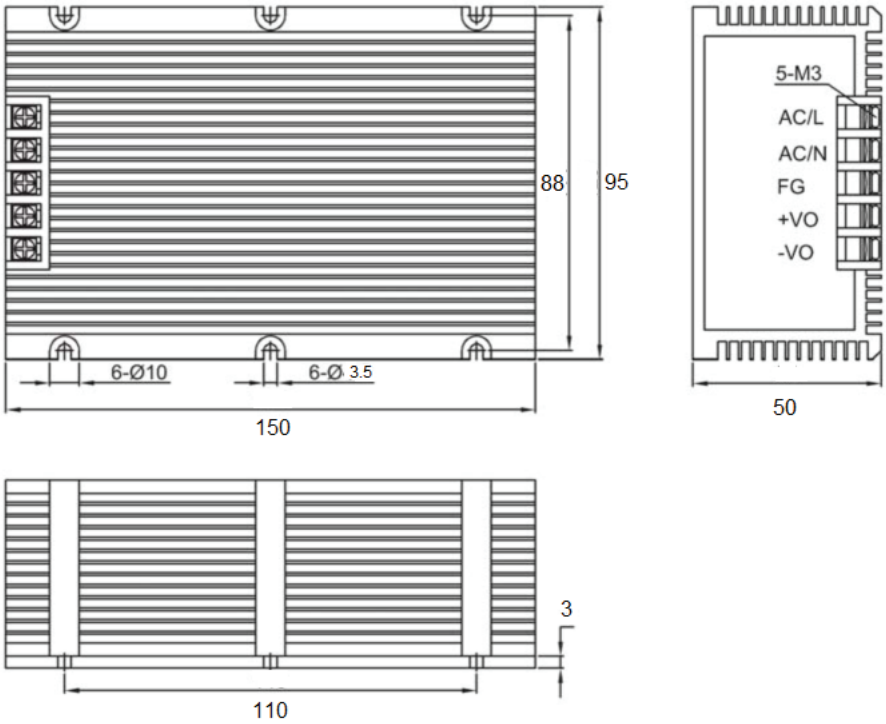
型号 Model	输入电压(Vac) Input Voltage	输出电压(Vdc) Output Voltage	输出电流(A) Output Current	效率 Efficiency
CFBAP300S12	165~265	12	25	90%
CFBAP300S15	165~265	15	20	90%
CFBAP300S24	165~265	24	12.5	92%
CFBAP300S28	165~265	28	10.71	93%
CFBAP300S48	165~265	48	6.25	93%

温度/功率降额曲线



机械图及管脚说明

(MECHANICAL CHART、PINS) (Unit:mm/inch)



北京华阳长丰科技有限公司　　华阳长丰河北科技有限公司

电话:010-68817997　　传真:0312-3861098　　E-mail:sales@chewins.net

生产基地:河北省涿州市开发区火炬南街25号