

特性 Features

- 输入II型滤波 II type input filter
- 高可靠性,长寿命设计 Design for high reliability, long lifetime
- 安装使用方便 Easy installation
- 大功率输出 High output power
- 满负荷效率可达 87% Full load efficiency up to 87%
- 整体散热设计 Integer thermal design



输入特性 Input Characteristic

电压范围 (Voltage Range)	24 VDC (额定值)	18-36 VDC
	48 VDC (额定值)	36-72 VDC
	110 VDC (额定值)	80-180 VDC
	300 VDC (额定值)	200-400 VDC

反压保护 (Reverse Protection) 应用时外接熔丝 (Fuse Outside)

输出特性 Output Characteristic

电压精度 (Voltage Set-point Accuracy)	± 1%
电压调整率 (Line Regulation)	± 0.2%
负载调整率 (Load Regulation)	± 0.4%
温度变化率 (Temperature Coefficient)	± 0.01%/°C
电流限制点 (Output Current Limiting)	120%(Typ)
响应速度 (Dynamic Response)	400μs
输出电流 (Output Current)	20-50A 任选
输出电压 (Output Voltage)	1.8-48V
功率 (Power)	750-1000W

一般特性 General Characteristic

工作频率 (Switching Frequency)	160-200	KHz
隔离电阻 (Isolation Resistance)	200	M Ω
MTBF	>500000	h
绝缘强度(Isolation Voltage)		
输入 - 输出 (Input-Output)	>1500	VDC
输入 - 外壳 (Input-Case)	>1050	VDC
输出 - 外壳 (Output-Case)	>500	VDC

环境特性(Environmental Characteristics)

工作壳温 (Case Temperature)	(工业品)-25 - +85°C (Industry)
	(军 I)-40 - +85°C (Military I)
	(军 II)-55 - +85°C (Military II)
存储温度 (Storage Temperature)	(工业品)-45 - +105°C (Industry)
	(军品)-55 - +105°C (Military)

热阻特性 Heat Characteristic

冷却方式 (Cooling)	热阻 (Thermal Resistance)
自然风冷 (Breeze of Nature)	0.86°C/W
0.5M/S	0.72°C/W
1M/S	0.54°C/W
1.5M/S	0.39°C/W
2M/S	0.33°C/W

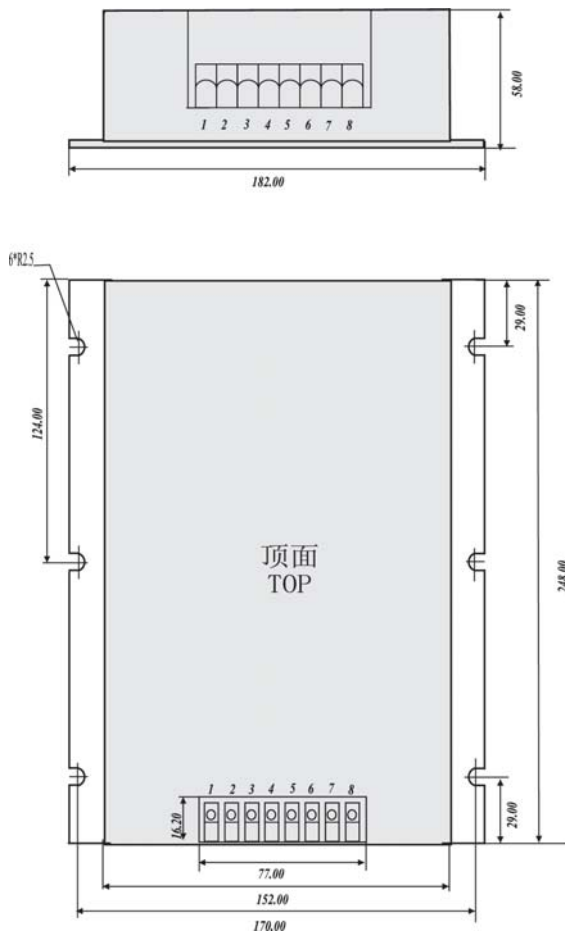
型号 Models

输入电压(Vdc) Input voltage	输入电压(范围) Input voltage<Range>	输出电压(Vdc) Output voltage	输出电流 (A) Output current	纹波 pk-pk(mv) Ripple and noise	效率 (Typ) Efficiency	型号 Models	
单 路	24	18-36	24	31.25	200	87%	CKD750-24S24
	24	18-36	28	26.79	280	86%	CKD750-24S28
	24	18-36	48	20.83	400	85%	CKD1000-24S48
	48	36-72	15	50	150	86%	CKD750-48S15
	48	36-72	24	41.67	200	85%	CKD1000-48S24
	48	36-72	48	20.83	400	85%	CKD1000-48S48
	110	80-180	15	50	150	86%	CKD750-110S15
	110	80-180	24	41.67	200	85%	CKD1000-110S24
300	200-400	48	20.83	400	85%	CKD1000-300S48	

说明: 仅列出典型型号, 其它型号, 请确定功率、输入电压及输出电压, 致电我公司。

Only typical models listed. If you need other model, please conform the power, input voltage and output voltage, then phone us.

外型尺寸图与引脚定义 Mechanical drawing and pin definition



单位 (Unit) :mm

引脚 PIN	单路 SING
1	-Vo
2	-Vo
3	+Vo
4	+Vo
5	-Vin
6	-Vin
7	+Vin
8	+Vin