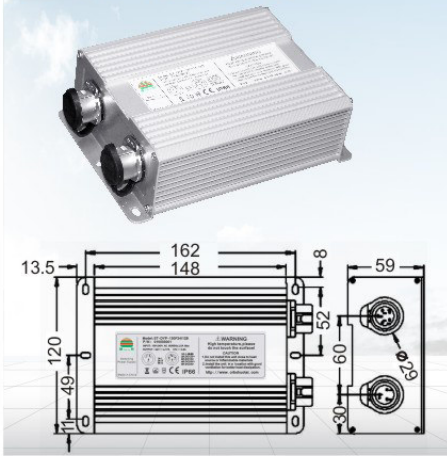
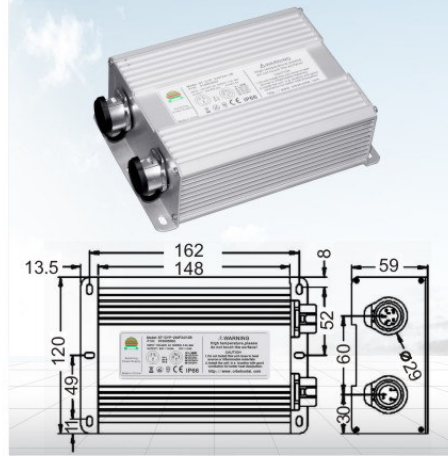


# 防水电源系列 Waterproof power supply series

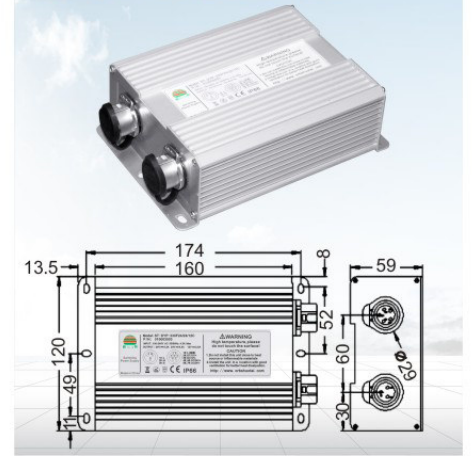
ST-DYP-130F24/12B



ST-DYP-230F24/12B



ST-DYP-330F24/24/12C



### ◆ 产品特性

- 输入电压 Input voltage: 100-240VAC, 50/60HZ
- 工作温度范围 Work temperature range: -25 ~ +50 °C
- 功率因数校正 PFC: ≥0.95
- 效率 Effective rate: 90% (@220AC, full load)
- 冷却方式 Cooling way: 自然风冷 Natural air cooling
- 工作模式 Work mode: 恒压 Protection grade
- 防护等级: IP67
- 安装方式 Installation: 内装式 built-in type
- 保修期 Warranty period: 3年
- 保护功能 Protection function: 过功率保护, 短路保护 Power overload protection, short circuit protection
- 认证 Safety certification: 符合 UL60950-1, TUV EN60950-1 要求 Accord with UL60950-1, TUV EN60950 1 requirements

### ◆ 电气参数

项目类别 Item classification	规格参数 Specifications			
	ST-DYP-130F24/12B	ST-DYP-230F24/12B	ST-DYP-330F24/24/12C	
输入 Input	电压范围 VOLTAGE RANGE			
	100-240VAC			
	频率范围 FREQUENCY RANGE			
	50/60HZ			
	交流电流 (Typ) AC CURRENT (Typ)	Max 2A (100Vac)	Max 3A (100Vac)	Max 4.3A (100Vac)
	交流浪涌 INRUSH AC CURRENT (Typ.)	冷启动 COLD START: ≤50A/230VAC		
直流浪涌 INRUSH DC CURRENT (Typ.)	≤60A/400V DC		≤50A/300VDC	
待机功耗 No load power consumption	≤3W			
输出 Output	输出通道 DC VOLTAGE	CH1: 24V	CH2: 12V	CH3: 12V
	额定功率 RATED POWER	CH1: 100W CH2: 30W	CH1: 200W CH2: 30W	300W
	纹波与噪声 RIPPLE & NOISE (max)	CH1 ≤300mVp-p CH2 ≤100mVp-p		≤150mVp-p
	电压调整范围 VOLTAGE ADJ. RANGE	不可调 No Adj		
	电压精度 VOLTAGE TOLERANCE	±3.0%		
	线性调整率 LINE REGULATION	±3.0%		
	负载调整率 LOAD REGULATION	±3.0%		
	启动时间 (空/满载) SETUP TIME	50ms/265VAC	120ms/90VAC	36ms/265VAC 120ms/90VAC
	上升时间 RISE TIME	30ms/265VAC 100ms/90VAC (满载时 full load)		28ms/265VAC 102ms/90VAC
	保持时间 (Typ) HOLD UP TIME (Typ)	20ms/240VAC 20ms/100VAC (满载时 full load)		280ms/265VAC 264ms/90VAC
保护 Protect	过负载 OVERLOAD	>200W	>250W	>350W
	过电压 OVER VOLTAGE	----	----	----
	过电流 OVER current	----	----	----
	过温度 OVER TEMPERATURE	----	----	----
	LPS	>200W	>250W	>350W

项目类别 Item classification	规格参数 Specifications		
	ST-DYP-130F24/12B	ST-DYP-230F24/12B	ST-DYP-330F24/24/12C
环境 Environment	工作温度 WORKING TEMP.	1-20 ~ +50°C	20 ~ +40°C
	工作湿度 WORKING HUMIDITY	20 ~ 90%RH 无冷凝 non-condensing	
	储存温度、湿度 STORAGE TEMP, HUMIDITY	-40 ~ +80°C	10 ~ 95%RH
	耐振动 VIBRATION	±0.03%/°C (0 ~ 50°C)	
防水等级 levels of protection	Ip67		
安规 Safety	安全规范 SAFETY STANDARDS	符合UL60950-1 TUV EN60950-1要求 UL60950-1, CB(IEC60950-1) approved	
	漏电流 LEAKAGE CURRENT	< 3mA/240VAC	
	耐压 WITHSTAND VOLTAGE	I/P ~ O/P: 3KVAC I/P ~ FG: 1.75KVAC O/P ~ FG: 0.5KVAC	
	绝缘阻抗 ISOLATION RESISTANCE	I/P ~ FG: 100M Ohms/500VDC/25°C/70%RH	
电磁兼容 EMC	电磁兼容发射 EMC EMISSION	符合EN55022 (C/SPR22) ClassB EN61000-3-2,-3 EN55022 (C/SPR22) ClassB EN61000-3-2,-3 approved	
	电磁兼容抗扰度 EMC IMMUNITY	符合EN61000-4-2,3,4,5,6,8,11 EN61000-6-2 (EN50082-2) A级重工业标准 Class a heavy industry standards	
其它 Other	MTBF	≥270Khrs. MIL-HDBK-217F (25°C)	
	尺寸 SIZE	175*120*55	187*120*55
	整机重量 PACKING	1700g	1800g