

# AC CHARGING SOCKET

## 交流充电插座

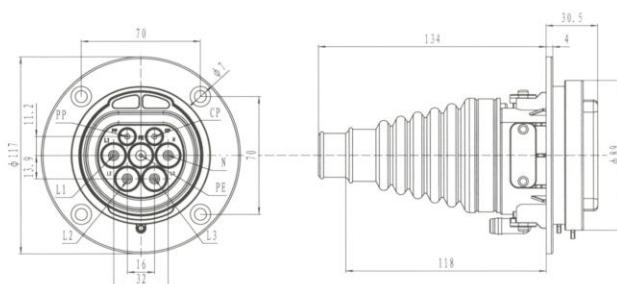
产品应用: 电动汽车端电连接输入

Product application: Electric vehicle electrical connection

型号 Model:

● DSIEC2f-EV16S

● DSIEC2f-EV32S



快速代码 Speed code: 2070

### 产品特点 Features

- 符合 62196-2 IEC 2010 SHEET 2-IIIF 标准  
Meet 62196-2 IEC 2010 SHEET 2-IIIF standard
- 外形美观,带防护盖,支持前安装方式  
Nice appearance, with protection cover, support front installation

### 机械性能 Mechanical properties

- 机械寿命: 空载拔插 > 10000 次  
Mechanical life: no-load plug in/pull out > 10000 times
- 耦合时插拔力: > 45N < 80N  
Coupled insertion force: > 45N < 80N

### 环境性能 Environmental performance

- 工作环境温度: -30°C ~ +50°C  
Operating temperature: -30°C ~ +50°C

### 材料应用 Applied Materials

- 外壳材料: 热塑性塑料, 阻燃等级 UL94 V-0  
Case Material: Thermoplastic, flame retardant grade UL94 V-0
- 插针: 铜合金, 表面镀银 + 顶部热塑性塑料  
Pin: Copper alloy, silver + thermoplastic on the top

- 插针头部采用安全绝缘设计, 防止人手意外直接接触  
Safety pins insulated head design to prevent accidental direct contact with staff
- 优越防护性能, 防护等级达到 IP44 (工作状态)  
Excellent protection performance, protection grade IP44 (working condition)

### 电气性能 Electrical Performance

- 额定工作电流: 16A 或 32A  
Rated current: 16A or 32A
- 工作电压: 250/415V  
Operation voltage: 250/415V
- 绝缘电阻: > 1000MΩ (DC500V)  
Insulation resistance: > 1000MΩ (DC500V)
- 端子温升: < 50K  
Terminal temperature rise: < 50K
- 耐压: 2000V  
Withstand Voltage: 2000V
- 接触阻抗: 0.5mΩ Max  
Contact Resistance: 0.5mΩ Max

### 产品选型与标准配线 Model selection and the standard wiring

型号 / Model	额定电流 / Rated current	线缆规格 / Cable specification
DSIEC2f-EV16S	16A 单相 / Single phase	3 X 2.5mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
	16A 三相 / Three phase	5 X 2.5mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
DSIEC2f-EV32S	32A 单相 / Single phase	3 X 6mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>
	32A 三相 / Three phase	5 X 6mm <sup>2</sup> + 2 X 0.75mm <sup>2</sup>