



## 产品说明 Product Description

主要用于太阳能光伏发电系统的防雷及过电压保护，并联安装，不影响原系统的正常工作。

It is used for lightning prevention and over voltage protection of solar photovoltaic systems, employing the parallel installation, without the impact on the normal operation of the original system.

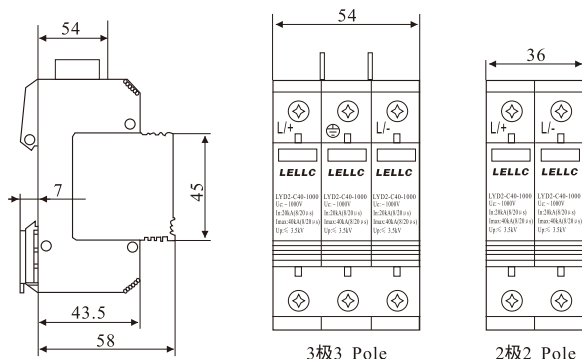
## 产品特点 Product Features

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| <ol style="list-style-type: none"> <li>1、超宽电气间隙和爬电距离，超高耐压等级，满足高海拔地区的使用要求。</li> <li>2、可插拔式模块化设计，标准导轨安装。</li> <li>3、选用优质光伏专业防雷原件，性能稳定。</li> <li>4、内置热熔、过流双重保护电路。</li> <li>5、可视劣化窗口，绿色正常，红色故障。</li> <li>6、通流量大，残压低，响应速度快（纳秒级）。</li> <li>7、具有远程监控功能，方便远程监控（选配）。</li> </ol> | <ol style="list-style-type: none"> <li>1、Super wide electric clearance and creepage distance, Withstanding high voltage level, Meet used for high altitude areas.</li> <li>2、Pluggable modular design, standard rail installation;</li> <li>3、It uses the high-quality special lightning-proof original parts, with the stable performance;</li> <li>4、It has the hot-melt, over-current double-protection circuit.</li> <li>5、It is equipped with visual window, the green indicates the normal state, and the red indicates the fault state;</li> <li>6、Large discharge current, low residual voltage, fast response (nm);</li> <li>7、With the remote monitoring function, it takes the convenience for remote monitoring (optional).</li> </ol> |
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## 主要技术参数 Main Technical Parameters

型号 Model	LYD2-					
	C40-48	C40-220	C40-500	C40-600	C40-800	C40-1000
最大持续工作电压 Maximum Continuous Operating Voltage $U_c(V\sim)$	48V DC	220 V DC	500 V DC	600 V DC	800 V DC	1000 V DC
标称通流量 Nominal Discharge Current $I_n(8/20 \mu s)kA$	20 kA (8/20 $\mu s$ )					
最大通流量 Maximum Discharge Current $I_{max}(8/20 \mu s)kA$	40 kA (8/20 $\mu s$ )					
电压保护水平 $U_p$ Voltage Protection Level $U_p(V\sim)kV$	350V	1.8kV	2.5kV	2.8kV	3.0kV	3.5 kV
响应时间 Response Time ns	<25ns					
环境温度 Operating Environment $^{\circ}C$	-40 $^{\circ}C$ -+80 $^{\circ}C$					
接入导线截面积 $L/N(mm^2)$ The Cross Section of $L/N$ Line	$\geq 10mm^2$					
防护等级 Protection class	IP20					
外形尺寸 Outline size	36 $\times$ 66 $\times$ 90mm				54 $\times$ 66 $\times$ 90mm	

## 外型尺寸图 Dimension



## 安装接线图 Install the wiring diagram

