

# SkyDRV Series

## 3/6/12 Channel Constant Current LED Driver



• SkyDRV-3CH



• SkyDRV-6CH



• SkyDRV-12CH



### ◆ Product Features

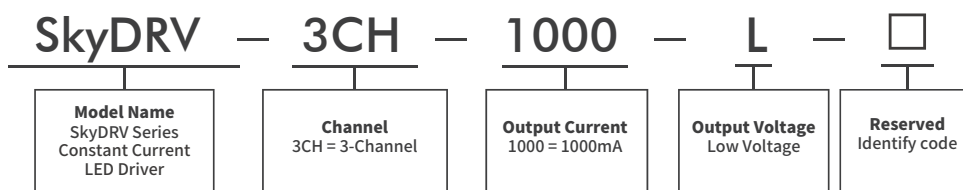
- Multi independent channels available : Triple-Channel 、 Six-Channel 、 Twelve -Channel
- USB interface for electrical isolation
- Digital knob to adjust output current with 7-segment display indicator; channels can be adjusted and storage individually
- Build-in power supply
- High-current driving capacity : maximum 1000mA output current per channel
- Wide range of output voltage : DC24V~51V / DC12V~24V (Low voltage version)
- High current linearity (>95%) : low current error between channels (<3%)
- LED open-loop detection and short-circuit protection : automatically stop output current when no-load or short-circuit
- Alarm and protection : abnormal input power 、 system over-current 、 system overheats
- Precision current adjustment resolution : digital knob provides 256 adjusting current levels, USB interface provides 4096 adjusting current levels

High-efficiency and high-power factor power circuit

- External pulse switch control (6CH Optional) : provides external trigger switch signal to synchronize LED strobe; the minimum width of LED output reaches to 30us; the maximum frequency of strobe output reaches to 30kHz (periodic)

Each channel provides 256 sets of programmable and non-volatile LUT units to help users quickly correspond different currents and various brightness & characteristic of LED lights

### ◆ Model Guide

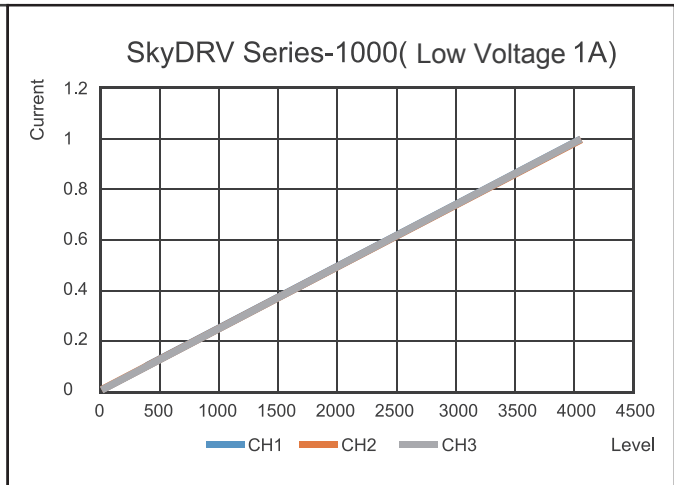
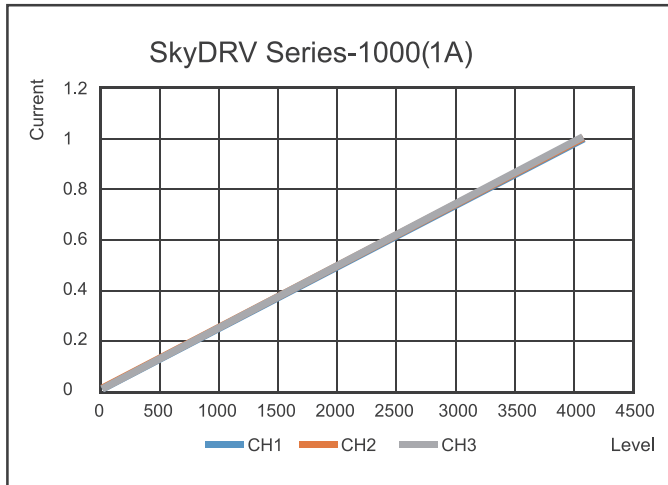


### ◆ Specification Table

Model	Channels	Power Supply	Input Voltage	Output Voltage	Output Current (Max.)
SkyDRV-3CH	3	160W	AC100~240V	DC12V~24V (Low Voltage)	200mA
SkyDRV-6CH	6	320W			400mA
					500mA
SkyDRV-12CH	12	640W		DC24V~51V (Normal)	600mA
					750mA
					1000mA

※ Customized output voltage/current available

◆ Linear Diagram



◆ Dimensional Drawing

