



**DC Input 1U Open Frame 15W
Industrial Switching Mode Power Supply**

Series	Model No.	Output Watts	Input Voltage	Input Voltage range	Polarity reverse protection
12	STC-1215XXX	15W continuous	12V DC	±9 ~ ±17V DC	Auto recovery by same type of fuse replacement
24	STC-2415XXX	15W continuous	24V DC	±18 ~ ±36V DC	Auto recovery by same type of fuse replacement
48	STC-4815XXX	15W continuous	48V DC	±37 ~ ±71V DC	Auto recovery by same type of fuse replacement
120	STC-12015XXX	15W continuous	120V DC	±90V ~ ±145V DC	Auto recovery by same type of fuse replacement
220	STC-4815XXX	15W continuous	220V DC	±190V ~ ±245V DC	Auto recovery by same type of fuse replacement

ENVIRONMENTAL CONDITIONS:

- ▶ Cooling: Convention cooling
- ▶ Operating Temperature: 0°C ~+65°C (Full Load)
- ▶ Operating Humidity: 20%~85% RH. (Non condensing)
- ▶ Storage Temperature: -20°C ~+85°C
- ▶ Storage Humidity: 10%~90% RH. (Non condensing)
- ▶ Operating Altitude: 10M Below Sea level to 3000M Above Sea level

DC INPUT CHARACTERISTICS:

- ▶ Input connector type 15A/300V UL Approved 2-Pin Terminal
- ▶ Input Current 1.5A(max) @Full Load & Low Line
- ▶ Inrush Current Less than 10A Cold start @25°C ambient

DC OUTPUT CHARACTERISTICS:

Output Voltage	Regulation			Output Current		Ripple & Noise
	Load	Line	Cross	15W		
				Min.	Max.	
5V ~ 25V DC	±5%	±1%	±5%	0A	open	
Total combined continuous maximum output power				15W		Watts

OVERALL PERFORMANCE:

- ▶ Efficiency 88% typical @ 120V and 220V DC Full load
- ▶ Efficiency 80% typical @ 48V DC Full load

