

- ▲ Constant current design
- ▲ Input Voltage 220-240VAC
- ▲ Protections: short circuit/over load/over voltage
- ▲ IP20 Ingress protection
- ▲ Power Factor 0.9C
- ▲ Efficiency >81%
- ▲ Class II, SELV, Independent
- ▲ 0-10V dimmable
- ▲ Current ADJ. by dip-switch
- ▲ 5 years warranty



SELV CE 

SPECIFICATION

Input	Rated input voltage	220-240VAC																																																					
	Range of input voltage	176-264VAC																																																					
	Frequency(Hz)	50/60 Hz																																																					
	Power Factor	0.9C @220-240VAC, Full Load																																																					
	Input Current max	0.17A MAX. @Full Load,176VAC																																																					
	Start-up time	<0.5S @Full Load,240VAC																																																					
	Unload Power Consumption	≤0.5W																																																					
	Inrush Current	20A Max. @Full Load,240VAC																																																					
	Leakage Current	<0.5mA(240VAC)																																																					
Output	Constant Current Max.	700mA																																																					
	Unload voltage Max.	50 VDC																																																					
	Voltage Range(VDC)	12-40VDC																																																					
	Rated power	20.3W Max.																																																					
	Current ADJ. Range by dip-switch	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>Vo</th> <th>Po</th> <th>Io</th> <th>1</th> <th>2</th> <th>3</th> </tr> </thead> <tbody> <tr> <td>12-40VDC</td> <td>16W</td> <td>400mA</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>12-40VDC</td> <td>18W</td> <td>450mA</td> <td>--</td> <td>--</td> <td>ON</td> </tr> <tr> <td>12-40VDC</td> <td>20 W</td> <td>500mA</td> <td>ON</td> <td>--</td> <td>--</td> </tr> <tr> <td>12-36.5VDC</td> <td>20.1 W</td> <td>550mA</td> <td>--</td> <td>ON</td> <td>--</td> </tr> <tr> <td>12-33.5VDC</td> <td>20.1W</td> <td>600mA</td> <td>--</td> <td>ON</td> <td>ON</td> </tr> <tr> <td>12-31VDC</td> <td>20.2 W</td> <td>650mA</td> <td>ON</td> <td>ON</td> <td>--</td> </tr> <tr> <td>12-29VDC</td> <td>20.3W</td> <td>700mA</td> <td>ON</td> <td>ON</td> <td>ON</td> </tr> </tbody> </table>						Vo	Po	Io	1	2	3	12-40VDC	16W	400mA	--	--	--	12-40VDC	18W	450mA	--	--	ON	12-40VDC	20 W	500mA	ON	--	--	12-36.5VDC	20.1 W	550mA	--	ON	--	12-33.5VDC	20.1W	600mA	--	ON	ON	12-31VDC	20.2 W	650mA	ON	ON	--	12-29VDC	20.3W	700mA	ON	ON	ON
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	12-29VDC	20.3W	700mA	ON	ON	ON																																																	
Current Accuracy	±5%																																																						
Voltage Regulation	±5% @Full Load																																																						
Load Regulation	≤5%																																																						
Hold-up Time	1s max.@Full Load																																																						
Ripple & Noise *Note.2	≤42mAp-p@Full Load,240VAC																																																						
Efficiency(Typ.)	≥81%																																																						
Dimming	Dimmable	YES																																																					
	Dimming mode	0-10V Dimming mode																																																					
	Dimming current range	5%~100%																																																					
Protection	Over Load Protection	103-120% Protection type: Auto Resume																																																					
	Over Voltage Protection	>50VDC Protection type: Auto Resume																																																					
	Short circuit Protection	Protection type: Auto Resume																																																					
	Over Temperature protection	NA																																																					
Environment	Operating Temperature	-20℃...+45℃																																																					
	tc	80℃																																																					
	Storage Temperature	-25℃...+60℃																																																					
	Humidity	20%-95%RH																																																					
Others	Life time	>30,000h @45℃																																																					
	Dimension	125X45X27.5(LXWXH)mm																																																					
	Safety standards	EN 61347-1; EN61347-2-13; EN 62384																																																					
	Withstand voltage	Input-Output: 3750V/5mA/1min																																																					
Safety & EMC	Isolation resistance	Input-Output: ≥4MΩ@500VDC																																																					
	EMI	EN55015; EN61000-3-2 Class C; EN61000-3-3																																																					
	EMS	EN 61547; EN 61000-4-2 —Performance Criteria B; EN 61000-4-5 —1000V; Performance Criteria C																																																					
Note	<p>1.All parameters NOT specially mentioned are measured at 240VAC input , full load and 25℃ of ambient temperature.</p> <p>2.Ripple & Noise are measured at 20MHz of bandwidth by using a 300mm twisted pair-wire terminated with a 0.1uF & 47 uF parallel capacitor.</p>																																																						

MECHANICAL SPECIFICATIONS

