

## FEATURES

- High Efficiency & Long Life
- Wide Input Range for Worldwide use (up to 305Vac)
- Compact Size
- Optimized Performance
- Fully Isolated & SELV
- Protections: Short Circuit/ Over Voltage/ Over Temperature
- Class 2 power unit



## PRODUCT HIGHLIGHT

**Output Voltage/Current** 45W/1000mA  
: **Dimming:** 1-10V / PWM

## SPECIFICATION

<b>Model Name</b>	FSP50-ZZAP(100)MG	
<b>Wattage</b>	45W	
<b>Case</b>	Plastic	
<b>IP Level</b>	IP65	
<b>Dimming</b>	1-10V / PWM Dimming	
<b>Input Electrical Specification</b>	<b>Input Voltage</b>	120~277 Vac
	<b>Input Frequency</b>	47~63 Hz
	<b>PFC</b>	≥0.9
	<b>Inrush Current</b>	<5A/5mS @ Cold start, 240Vac, Full load
<b>Constant Current / Constant Voltage</b>	Constant Current	
<b>Output Voltage and Current Rating</b>	<b>Output1</b>	30-45 V , 1000 mA
<b>Output Electrical Specification</b>	<b>Efficiency</b>	≥ 89 %
	<b>Life</b>	50.000 hours without system at full load and ambient <30°C @120Vac /240Vac
	<b>Protection Function</b>	OVP,OTP,SCP
<b>Environmental Requirement</b>	<b>TEMP. Range</b>	Operating : -20°C to +50°C Storage : -20°C to +85°C
	<b>Insulation</b>	Primary to Secondary: 500Vdc,25M ohms min.
<b>EMC performance</b>	<b>EN55015</b>	Class B Conducted, Class B radiated
	<b>EN55022</b>	Class B Conducted, Class B radiated
	<b>EN61000-3-2</b>	B
	<b>EN61000-4-5</b>	Surge: ±2 KV common mode ± 1KV differential
<b>Dimension</b>	162.5mm(L) x 43mm(W)x 32mm(H)	

## PROTECTION FUNCTIONS

OVP,OTP,SCP

This content is subject to change, please refer to specification for more detail.  
FSP reserve the right to change the content without prior notice