

## FEATURES

- High Efficiency & Long Life
- Wide Input Range for Worldwide use (up to 305Vac)
- Built-in PFC Function: up to PF 0.99
- IP65 Design for Outdoor Installation
- Suitable to Dry, Damp, Wet Location
- Compact Size
- High Surge Protection: 4kV(IEC61000-4-5)
- 0-10V Dimming
- Isolation Class II Design, No F.G.
- Type HL LED Driver for use in Class I Division 2 hazardous location luminaires
- Protections: Short Circuit/ Over Voltage/ Over Temperature



## PRODUCT HIGHLIGHT

**Output Voltage/Current** 40W/350mA  
: **Dimming:** 0-10V Dimming

## SPECIFICATION

<b>Model Name</b>	FSP40-ZZAP1(035)VG	
<b>Wattage</b>	40W	
<b>Case</b>	Plastic	
<b>IP Level</b>	IP65	
<b>Dimming</b>	0-10V Dimming	
<b>Input Electrical Specification</b>	<b>Input Voltage</b>	100~277 Vac
	<b>Input Frequency</b>	47~63 Hz
	<b>PFC</b>	$\geq 0.99/120\text{Vac}$ , $\text{PF} \geq 0.97/230\text{Vac}$ , $\text{PF} \geq 0.94/277\text{Vac}$ at full load
	<b>Input Current</b>	$\leq 0.41\text{A} /120\text{Vac}$ ; $\leq 0.21\text{A} /230\text{Vac}$ ; $\leq 0.18\text{A} /277\text{Vac}$
	<b>Inrush Current</b>	<6A @ Cold start, 230Vac, Full load
<b>Constant Current / Constant Voltage</b>	Constant Current	
<b>Output Voltage and Current Rating</b>	Output1	60-120 V , 350 mA
<b>Output Electrical Specification</b>	<b>Efficiency</b>	$\geq 92\%$
	<b>Life</b>	50,000 hours at Tcase of $\leq 65^\circ\text{C}$
	<b>Protection Function</b>	OVP,OTP,SCP
<b>Environmental Requirement</b>	<b>TEMP. Range</b>	Operating : $-20^\circ\text{C}$ to $+70^\circ\text{C}$ Storage : $-40^\circ\text{C}$ to $+85^\circ\text{C}$
	<b>Insulation</b>	Primary to Secondary: 500Vdc,25M ohms min.
<b>EMC performance</b>	<b>EN55015</b>	Class B Conducted, Class B radiated
	<b>EN61000-3-2</b>	Class C
	<b>EN61000-4-5</b>	Differential Mode: 4KV
<b>Dimension</b>	97.5mm(L) x 72mm(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