

## DESCRIPTION

For LED Outdoor & Industrial Application Suitable to Dry, Damp, Wet Location

## FEATURES

- For LED Outdoor & Industrial Application
- Wide Input Range for Worldwide use (up to 305Vac)
- Built-in PFC Function: up to PF 0.99
- IP67 Design for Outdoor Installation
- Suitable to Dry, Damp, Wet Location
- High Surge Protection: 4kV/4kV(IEC61000-4-5)
- 1-10V Dimming Function
- High Reliability & Long Life 50,000hrs
- Constant Current Design/ Low Ripple Current
- Class I Power
- All-Round Protections: Short Circuit/ Over Voltage/ Over Temperature Protection
- Safety: Meet IEC61347-2-13, UL8750 & EMI EN55015



## PRODUCT HIGHLIGHT

**Output Voltage/Current** 20-28V/2800mA

**Dimming:** 1-10V

## SPECIFICATION

<b>Model Name</b>	FSP80-ZZAE(280)VG	
<b>Wattage</b>	80W	
<b>Case</b>	Metal	
<b>IP Level</b>	IP67	
<b>Dimming</b>	1-10V	
<b>Input Electrical Specification</b>	<b>Input Voltage</b>	100~277 Vac
	<b>Input Frequency</b>	47~63 Hz
	<b>PFC</b>	≥PF≥0.99/120Vac, PF≥0.95/230Vac, PF≥0.93/277Vac at full load
	<b>Input Current</b>	≤0.86A /120Vac ; ≤0.49A /230Vac ; ≤0.48A /277Vac
	<b>Inrush Current</b>	60A at 230Vac, 25°C cold start
<b>Constant Current / Constant Voltage</b>	Constant Current	
<b>Output Voltage and Current Rating</b>	<b>Output1</b>	20-28 V , 2800 mA
	<b>Efficiency</b>	≥ 90 %
<b>Output Electrical Specification</b>	<b>Life</b>	50,000 hours at Tcase of ≤ 75°C
	<b>Protection Function</b>	OVP,OPP, OTP
	<b>TEMP. Range</b>	Operating : -40°C to +70°C Storage : -40°C to +85°C
<b>Environmental Requirement</b>	<b>Humidity</b>	Operating: 10% to 95% RH, Non-condensing Storage: 10% to 95% RH, Non-condensing
	<b>EMC performance</b>	EN55015 Class B Conducted, Class B radiated
<b>EMC performance</b>	EN61000-3-2	Class C
	EN61000-4-5	Differential Mode: 4KV; Common Mode: 4KV
	<b>Dimension</b>	195mm(L) x 60.5mm(W)x 38mm(H)

## PROTECTION FUNCTIONS

OVP,OPP, OTP

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