







Product Service

# CERTIFICATE

No. B 057396 0461 Rev. 01

## Approved models and Rated Outputs:

Model Number	Max OUTPUT (Convection Cooling) @ 50°C			Max OUTPUT (Convection Cooling) @ 70°C		
	Voltage (VDC)	Current (A)	Max. Power (W)	Voltage (VDC)	Current (A)	Max. Power (W)
GSP500PS12	10.1-13.5	15	180	10.1-13.5	7.5	90
GSP500PS15	13.5-17	12	180	13.5-17	6	90
GSP500PS18	17.1-21	10	180	17.1-21	5	90
GSP500PS24	21.1-26	7.5	180	21.1-26	3.75	90
GSP500PS28	26.1-31	6.43	180	26.1-31	3.22	90
GSP500PS33	31.1-33	5.45	180	31.1-33	2.72	90
GSP500PS36	33.1-42	5	180	33.1-42	2.5	90
GSP500PS48	42.1-52	3.75	180	42.1-52	1.88	90
GSP500PS48 -XD0666 @40°C	—	—	—	—	—	—

Model Number	Max OUTPUT (Forced Cooling) @ 50°C			Max OUTPUT (Forced Cooling) @ 70°C		
	Voltage (VDC)	Current (A)	Max. Power (W)	Voltage (VDC)	Current (A)	Max. Power (W)
GSP500PS12	10.1-13.5	42	500	10.1-13.5	25	250
GSP500PS15	13.5-17	33.33	500	13.5-17	16.67	250
GSP500PS18	—	—	—	—	—	—
GSP500PS24	21.1-26	21	500	21.1-26	10.5	250
GSP500PS28	26.1-31	17.86	500	26.1-31	8.93	250
GSP500PS33	—	—	—	—	—	—
GSP500PS36	33.1-42	13.89	500	33.1-42	6.95	250
GSP500PS48	42.1-52	10.5	500	42.1-52	5.25	250
GSP500PS48 -XD0666 @40°C	48	11.46	550	—	—	—

Stand-by output for all models: 5 VDC, 2 A

Fan output for all models: 12 VDC, 0.13 A

“—” indicates no such output exist for the respective models

Model GSP500PS48-XD0666 is the same as model GSP500PS48-EF except for output ratings and maximum ambient temperature (Tma) 40°C.

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## Conditions of Acceptability:

When installing the equipment, all requirements of the standards and the manufacturer's specifications must be met. The models require:

- The following output circuits are at ES1 energy levels: All Outputs
- The following output circuits are at PS3 energy levels: All Outputs
- The maximum investigated branch circuit rating is: 20 A
- The investigated Pollution Degree is: 2
- Proper bonding to the end-product main protective earthing termination is: Required (Class I)
- The following input terminals/connectors must be connected to the end-product supply neutral: AC N
- The following end-product enclosures are required: Mechanical, Fire, Electrical
- The power supply was evaluated to be used at altitudes up to: "5,000 m"
- When installed in a Class I end product, the power supply shall be mounted in a manner that provides the minimum required Clearance between the primary side of power supply and protectively earthed accessible conductive parts.
- When installed in a Class II end product, the power supply shall be mounted on insulating posts in a manner that provides the minimum required Clearance between the power supply and any accessible conductive parts.
- Heatsinks are floating and considered live. They should not be accessible in the end-product.
- A suitable main disconnect device shall be provided in the end product.
- For models without "SF" suffix: The power supplies covered by this report have a fuse in the neutral of the primary circuit. The need for a marking to warn a service person of the hazards associated with double pole/neutral fusing shall be considered in the end product.

**Tested according to:** EN 62368-1:2014/A11:2017

**Production Facility(ies):** 059061, 089850, 071712, 059319