

10/100M PoE Injector

SPECIFICATIONS

Part Name: AC-DC ADAPTER
INPUT: 100-240VAC 50/60Hz
SPECIFICATION NO.: SPAS024AD4805

Our Model No: HR-FB-48045
OUTPUT: 48VDC 0.5A
Date issued: 2023.09.28

【HR-FB-48045 AC-DC ADAPTER SPECIFICATIONS】

1. SCOPE

This document is applied to GHSOU-POE-48005AD unit adaptor for S.M.P.S

2. SPECIFICATION NUMBER

SPAS2410AD4805

ENVIRONMENTAL REQUIREMENTS

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3.1 Operating temperature: 0°C — +40°C;

3.2 Storage temperature: -20°C — +75°C;

3.3 Operating humidity: 15% — 90% ;

3.4 Storage humidity: 10% — 95%

4. INPUT REQUIREMENTS:

4.1 Rating input voltage: 100VAC--240VAC ;

4.2 Rating input voltage: 100VAC--240VAC ;

4.3 Rating frequency: 50/60Hz ;

4.4 Frequency range: 47Hz -- 63Hz; Input current 600mA Max (at rating voltage & current) ;

4.5 Inrush Current: 30A Max (Input:264VAC/50HZ , Output:Full load ,Co ld Start) ;

4.6 Input Leakage Current: The leakage current shall not exceed 0.5mA.

4.7 Efficiency: 85% Min at full load/full input range: Stand-by power consumption:<0.5W.

5. INTRODUCTION

5.1 The S.M.P.S operated at input regular voltage AC 100V - 264V.

5.2 The S.M.P.S should be capable of a total continuous DC power output of 24.0W atts.

5.3 The S.M.P.S should be able to odd output only . Refer output rated & electrical Specifications table.

5.4 The S.M.P.S should not be fired or emitted smoke by protection when the circuit is short.

5.5 The S.M.P.S extra small power consumption during stand by mode.

6. SAFETY DETAILS

6.1: Standards/class: ClassII

6.2 Voltage rating input: 100Vac-240ac 50-60Hz

Voltage rating output: 48.0VDC 0.5A

6.3 Separation(Prim-sec): galvanic,via transformer

6.4 High-voltage test: $\leq 1.5\text{KV}$

6.5 Leakage current: Maximum leakage current is 10mA

6.6 Application range: Information technology equipment Including electrical business equipment.

6.7 Ambient temperature: 0°C to $+40^{\circ}\text{C}$,10 to 95% rhd.

7. MAIN FUSE

7.1 Input fuse is 2A/250V

8. SAFETY STANDARD

EN60950

9. OUTPUT RATED & ELECTRICAL SPECIFICATIONS

9.1 Rated output voltage: 48.0VDC

9.2 Rated output current: 0.5 A

9.3 No load output voltage: $48.0\text{VDC}\pm 5\%$

9.4 Load output voltage: $48.0\text{VDC}\pm 5\%$

9.5 Load current: 0.5A

9.6 Ripple & Noise: 200mVp-p Max

9.7 Rated output power:24.0W Max

10. Overshoot

At turn on,the output voltage shall not exceed steady state by more than 7%.

11. Short-Circuit Protection

The power supply shall withstand a continuous output short without damage. The short may be applied before power-up, or after power-up.The power supply shall resume normal operation after the short is removed.

12. Over Current Protection

When an internal fault occurs, or an external fault is applied to the adapter, such that an overload or short circuit is applied to the output, the adapter will be shut-down. The adapter won't be latched.

13. OUTLOOK DRAWING Colour : Black

