TECHNICAL SPECIFICATION

ATREYO
SOLUTIONS THAT SIMPLIFY

10W Power Supply

APS-10W-SF



Features

- Wide input voltage from 85V to 305V
- 24/12/5V DC 10W output
- Short circuit protection
- Over Voltage protection
- DIN rail mounting
- Small size

The APS-10W-SF is single phase 10W power supply dedicated to use in application that need continue power source for IoT, Industrial controls, gateways, electrical panel controls etc.

The APS-10W-SF is available with 5V, 12V and 24V DC. The power supply is designed to be mounted on a DIN rail.

Description	Parameter
General	
Class	Class II power supply
Efficiency	Approx 82%
Cooling	Free air convection
Power Input	
Phase	Single phase
Voltage between phase and N	85-305V AC
Connector	2 pin screw terminal block
Protection	Fuse and MOV rating 4500A
No load consumption	<0.1W
Output	
Output type	DC
Voltage	5/12/24V[1]
Power	10W max.
Connector	2 pin screw terminal block
Over-current protection	≥110% I_o, self-recovery
Short circuit protection	Hiccup, continuous, self-recovery and output fuse
ESD protection	15kV
Voltage accuracy	±5.0 %
Line regulation	±1.5 %
Load regulation	±3 %
Indicators	
Power ON	1 green LED
Physical Characteristics	
Installation	DIN rail
Housing	ABS
Weight	60g
Dimensions	35mm x 75mm x 50mm
Environmental Specification	
Operating Temp.	-25 ~ 70°C (-13 ~ 158°F)
Storage Temp.	-40 ~ 85°C (-40 ~ 176°F)
Ambient RH	5% to 95% (non-condensing)

1 See model selection chart

Selected model list

Models	Hardware information			Extra informations
	Output Voltage			
APS-10W-SF	5V	12V	24V	
APS-10W-SF-05	√			
APS-10W-SF-12		√		
APS-10W-SF-24			√	

For more details scan or click on QR code

Copyright

Copyright © 2026 Atreyo Research and Development Pvt. Ltd. This technical specification is protected under national and international copyright laws. No part of this user manual may be reproduced, distributed, translated, or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording, or storing in any information storage and retrieval system, without the prior written permission of Atreyo Research and Development Pvt. Ltd. Copy or use any part of this specifications is prohibited without the prior written permission from the Atreyo Research and Development Pvt. Ltd.

Trademarks

Atreyo and the Atreyo logo are registered trademarks of Atreyo Research and Development Pvt. Ltd.
All other trademarks and copyrights are the property of their respective owners.

Disclaimer

- The information contained in this Technical Specification is provided "as is" and is subject to change without notice. While every effort has been made to ensure the accuracy and completeness of the information contained herein, Atreyo Research and Development Pvt. Ltd. assumes no responsibility or liability for any errors or omissions.
- Images used in this specification may differ in appearance from the actual product.
- All dimensions mentioned in the drawings are not to scale and are subject to change and update as may be decided by the Atreyo Research and Development Pvt. Ltd.
- Atreyo Research and Development Pvt. Ltd. makes no warranties, either express or implied, regarding the contents of this document, including but not limited to the implied warranties of merchantability and fitness for a particular purpose.
- Users of this Technical Specification should verify the applicability and suitability of the information and procedures to their particular use. Atreyo Research and Development Pvt. Ltd. shall not be liable for any damages, including but not limited to direct, indirect, special, incidental, or consequential damages, arising from or related to the use or inability to use this Technical Specification or the products described herein.
- By using this Technical Specification, you agree to the terms and conditions stated above. Atreyo Research and Development Pvt. Ltd. has right to make additions, deletions, alterations or amendments as and when it deems fit and proper, without any prior notice.

Atreyo Research & Development Pvt. Ltd.	**+91 9727741417** **info@atreyo.in**	2106, Z2, Thaltej, Ahmedabad, Gujarat, India