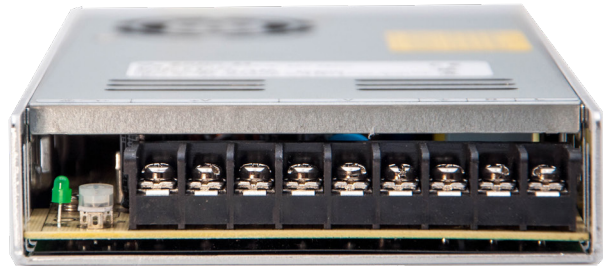


ACDC 24/48V



350W Output
single

24/48V supply

1U Low
profile

5G Test
vibrations

350W Single Output Switching Power Supply 24V/48V

ACDC Series is a 350W single-output type power supply with 30mm of low-profile design. Adopting the input of 115VAC or 230VAC (selected by switch), the entire series provides an output voltage of 24V and 48V.

Delivering an extremely low no load power consumption (less than 0.75W), it allows the end system to easily meet the worldwide energy requirement. ACDC has the complete protection functions and 5G anti-vibration capability.

ACDC series serves as a high-performance power supply solution for various industrial applications.

In addition to the high efficiency up to 89%, with the built-in long-life fan ACDC can work under $-25^{\circ}\sim+70^{\circ}\text{C}$ with full load.



Power Supply Module

Management and Control ACDC - 24 ACDC - 48

Over Load	110 ~ 140% rated output power Protection type: Hiccup mode, recovers automatically after fault condition is removed
Over Voltage	28.8 ~ 33.6V 55.2 ~ 64.8V Protection Type: Hiccup mode, recovers automatically after fault condition is removed

Functions ACDC - 24 ACDC - 48

Control On/Off	RTH ≥ 50 FAN ON ≤ 4.0 FAN OFF
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Environmental ACDC - 24 ACDC - 48

Operating Temperature	-25° ~ +70°C (Refer to "Derating Curve")
Humidity	20 ~ 90% RH non-condensing
Storage temperature	-40° ~ +85°C. 10 95% RH
Temperature Coefficient	$\pm 0.03\%/^{\circ}\text{C}$ (0° ~ 50°C) 10
Vibrations	~ 500Hz, 5G 10min./1cycle, 60min.

Mechanical Specification ACDC - 24 ACDC - 48

Mtbf	327.9K hrs min. MIL-HDBK-217F (25°)
Dimensions	215 x 115 x 30 mm
Packing	0,76kg; 15pcs/12,4kg/0,78CUFT

Compliance & Warranty ACDC - 24 ACDC - 48

Safety	3UL609550-1, BSMI CNS14336-1, EAC TP TC 004 approvato
Resistance to tension	I/P-O/P:3KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC
Isolation Resistance	I/P-O/P, I/P-FG, O/P-FG:100M Ohms/500VDC / 25°C / 70% RH
Emc Emission	Compliance to BSMI CNS13438, WAC TP TC 020
Emc Immunity	Compliance to EAC TP TC 020
Warranty	consult with the nearest distributor
Certifications	CE

Output ACDC - 24 ACDC - 48

DC Voltage	24V	48V
Rated Current	14.6A	7.3A
Current Range	0-14.6A	0-7.3A
Rated Power	2 x Shielded RJ45 Jacks (LAN / PoE + Data)	
Voltage ADJ. Range	150m Vp-p	200mVp-p
Voltage Tolerance	21.6 - 28.8V	43.2 - 52.8V
Line Regulation Note.4	$\pm 1.0\%$	$\pm 1.0\%$
Load Regulation Note.5	$\pm 0.5\%$	$\pm 0.5\%$

Input ACDC - 24 ACDC - 48

Voltage Range	90 - 132VAC/180 - 264VAC by switch 240 - 370VDC (switch on 320VAC)	
Frequency Range	47 - 63 Hz	
Efficiency (Typ.)	88/89%	
Ac Current	6.8A/115VAC 3.4A/230VAC	
Inrush Current (Typ.)	60A/115VAC 60A/230VAC	
Leakage Current	<2mA/240VAC	

TERMS OF USE: This device must be professionally installed. Shielded ethernet cable and earth grounding must be used as condition of product warranty. All specifications in this document are subject to change without notice. For further information please visit www.9dot.it

