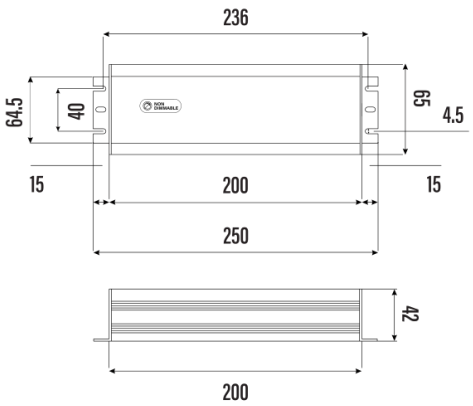
AQD-24-300-B-N



DIMENSION



INTRODUCTION

The Aquatran AQD-24-300-B-N is a 300W 24VDC constant-voltage non-dimming power supply with an IP67 rating for indoor and outdoor applications. This high-efficiency LED driver includes built-in protection against short circuits, over-current, and over-voltage to ensure reliable performance for 24VDC lighting systems.

DIMENSIONS DATA	
Product Dimensions	250*80*43mm
Individual Box Dimensions	280*115*50mm
Product Weight	/
Carton Dimensions	/
Carton QTY	/
Carton Weight	/

ENVIRONMENT DATA	
Working Temperature	-20-40
Storage Temperature	-20-80
TC	75
Housing Material	Aluminum shell
IP Rating	IP67
Lifetime	50000H
Vibration	-
Switch Cycle	100000

INPUT DATA	
Input Voltage	85-265v
Frequency	50/60Hz
Power Factor	>0.95
THD	<15%
Standby Power	<1.5W
Current	<3.4A
Inrush Current (Full Output Load)	16.82A
Efficiency Full Load 110VAC	91%
Efficiency Full Load 230VAC	94%
Start 230VAC (milliseconds)	<200
Rise Time 230VAC (milliseconds)	<200
Hold Time 230VAC (milliseconds)	<20
Pulse Duration (T50)	1.76mS

DIMMING DATA	
Protocol	/
Output Frequency	/
Dimming Ratio	/
Dimming Compatibility	/
Minimum output current	/
Maximum output current	/

GENERAL DATA	
Output	24VDC
VA	300W
IP	IP67
Dimming	Non-dimmable

OUTPUT DATA	
Voltage	24VDC
Current	12.5A
Power	300W
Ripple & Noise (max)	400mv
Channel	1
Voltage Tolerance	±5%

OTHER DATA	
Warranty	5 years

PROTECTION DATA	
Short Circuit	yes
Over Voltage	yes
Over Load	yes

SAFETY & EMC DATA	
Lighting Strike	4KV
Withstand Voltage	3750V
Safety Standards	EN IEC 55015
EMC Emission EMC	EN IEC 61000-3-2
EMC Immunity EMC	EN IEC61547
Safety Approval Mark	SAA RCM

AQD-24-300-B-N

PRODUCT IMAGES







