




# Power Supply ND Series

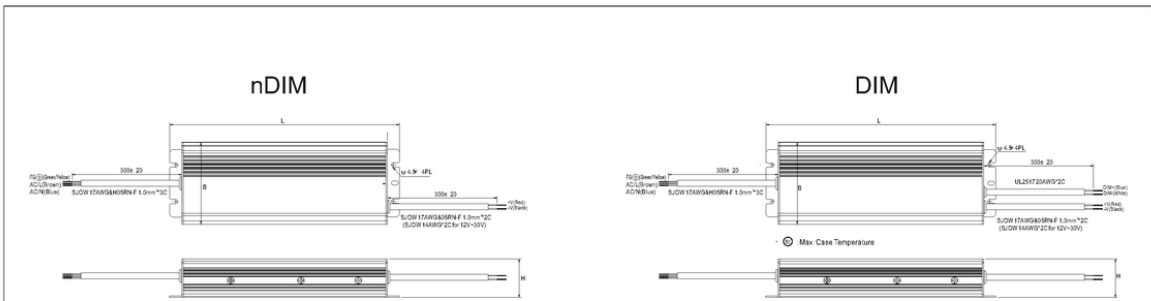
TECHNICAL DATASHEET

# Power Supply ND Series

## Technical Data

Dimensions	L x B x H in technical drawing	
Control	0 - 10 V	
Input Voltage	100 - 240, 277 VAC (50 - 60 Hz)   127 - 431 VDC   100 - 240, 277 VAC (50 - 60 Hz)   127 - 431 VDC	
Inrush	<p><b>@230V:</b></p> <p>ND 40 Cold Start 50A(<math>t_D=210\mu\text{s}</math> measured at 50% <math>I_{\text{peak}}</math>)</p> <p>ND 60 Cold Start 55A(<math>t_D=265\mu\text{s}</math> measured at 50% <math>I_{\text{peak}}</math>)</p> <p>ND 80 Cold Start 70A(<math>t_D=485\mu\text{s}</math> measured at 50% <math>I_{\text{peak}}</math>)</p> <p>ND 100 Cold Start 60A(<math>t_D=415\mu\text{s}</math> measured at 50% <math>I_{\text{peak}}</math>)</p> <p>ND 120 Cold Start 60A(<math>t_D=375\mu\text{s}</math> measured at 50% <math>I_{\text{peak}}</math>)</p> <p>ND 150 Cold Start 65A(<math>t_D=425\mu\text{s}</math> measured at 50% <math>I_{\text{peak}}</math>)</p> <p>ND 185 Cold Start 65A(<math>t_D=445\mu\text{s}</math> measured at 50% <math>I_{\text{peak}}</math>)</p> <p>ND 240 Cold Start 75A(<math>t_D=570\mu\text{s}</math> measured at 50% <math>I_{\text{peak}}</math>)</p> <p><b>@110V:</b></p> <p>ND 40 Cold Start 24A(<math>t_D=210\mu\text{s}</math> measured at 50% <math>I_{\text{peak}}</math>)</p> <p>ND 60 Cold Start 27A(<math>t_D=265\mu\text{s}</math> measured at 50% <math>I_{\text{peak}}</math>)</p> <p>ND 80 Cold Start 34A(<math>t_D=485\mu\text{s}</math> measured at 50% <math>I_{\text{peak}}</math>)</p> <p>ND 100 Cold Start 29A(<math>t_D=415\mu\text{s}</math> measured at 50% <math>I_{\text{peak}}</math>)</p> <p>ND 120 Cold Start 29A(<math>t_D=375\mu\text{s}</math> measured at 50% <math>I_{\text{peak}}</math>)</p> <p>ND 150 Cold Start 31A(<math>t_D=425\mu\text{s}</math> measured at 50% <math>I_{\text{peak}}</math>)</p> <p>ND 185 Cold Start 31A(<math>t_D=445\mu\text{s}</math> measured at 50% <math>I_{\text{peak}}</math>)</p> <p>ND 240 Cold Start 36A(<math>t_D=570\mu\text{s}</math> measured at 50% <math>I_{\text{peak}}</math>)</p>	
Housing	metal housing painted	
Housing Color(s)	silver	
Weight	max. 1,32 kg (2.9 lbs) (ND 240-36)	
Ingress Protection	IP67	
Environment	 outdoor	

# Engineering Drawing



	L	B	H
ND-PS-XXX-40W-XXX-Y01	171 mm / 6.73 in	61,5 mm / 2.42 in	36,8 mm / 1.45 in
ND-PS-XXX-60W-XXX-Y01	171 mm / 6.73 in	61,5 mm / 2.42 in	36,8 mm / 1.45 in
ND-PS-XXX-80W-XXX-Y01	196 mm / 7.7 in	61,5 mm / 2.42 in	38,8 mm / 1.53 in
ND-PS-XXX-100W-XXX-Y01	220 mm / 8.66 in	68 mm / 2.68 in	38,8 mm / 1.53 in
ND-PS-XXX-120W-XXX-Y01	220 mm / 8.66 in	68 mm / 2.68 in	38,8 mm / 1.53 in
ND-PS-XXX-150W-XXX-Y01	228 mm / 8.98 in	68 mm / 2.68 in	38,8 mm / 1.53 in
ND-PS-XXX-185W-XXX-Y01	228 mm / 8.98 in	68 mm / 2.68 in	38,8 mm / 1.53 in
ND-PS-XXX-240W-XXX-Y01	244 mm / 9.62 in	68 mm / 2.68 in	38,8 mm / 1.53 in
ND-PS-XXX-320W-XXX-Y01	252 mm / 9.92 in	90 mm / 3.54 in	43,8 mm / 1.73 in
ND-PS-XXX-480W-XXX-Y01	262 mm / 10.32 in	125 mm / 4.92 in	43,8 mm / 1.73 in

<p>Lindberghstr. 15, 86343 Königbrunn Tel.: +49 8231 50787 0 info@biontechnologies.com</p>	Project:	
	Location:	
	Fixture Type:	Power Supply ND Series
	Scale:	-
	Date/Revision by:	2019/04/08/01/BI

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Project	Fixture#	Date
		Firm



## Ordering Information

Choose the option that suits your needs and write its corresponding code on the appropriate line to form the product code.

ND-PS- \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - Y01  
                   DIMMING                   POWER SUPPLY                   ENVIRONMENT  
   TYP

DIMMING	
NDIM	Non-dimmable
0-10V	Dimmable - 0-10V

ENVIRONMENT	
24V	24 Volt
36V	36 Volt

POWER SUPPLY TYP	
40W	40 Watt
60W	60 Watt
80W	80 Watt
100W	100 Watt
120W	120 Watt
150W	150 Watt
185W	185 Watt
240W	240 Watt
320W	320 Watt
480W	480 Watt

\* Project-specific options are available - Please contact our Sales Representative for further information.



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