

Project :	Date :
Cat. No. :	Type :
Notes :	Volts :

This power supply is a constant voltage for dry or damp applications IP67.
 Triac dimmable driver Forward and reverse phase compatible with MLV/ELV
 dimmer. Strong compatibility, flicker-free dimming.

Loading range 5% to 100%

This driver should be installed by qualified and professional person.



Model	NT-OTM-TD100-PLW12	NT-OTM-TD100-PLW24	NT-OTM-TD150-PLW12	NT-OTM-TD150-PLW24
DC output voltage	12V	24V	12V	24V
Output voltage error	±1%	±1%	±1%	±1%
Rated output current	8.33A	4.16A	12.5A	6.25A
Output current range	0-8.33A	0-4.16A	0-12.5A	6.25A
Wave and noise	100mVp-p	100mVp-p	100mVp-p	100mVp-p
Inlet stability	±0.5%	±0.5%	±0.5%	±0.5%
Load stability	±0.5%	±0.5%	±0.5%	±0.5%
DC output power	100W	100W	150W	150W
Efficiency	90%	90%	90%	90%
AC input voltage range	100-250vac/90-130vac/170-250vac		100-250vac/90-130vac/170-250vac	
Input current	0.5A/115V 0.25A/230V		0.5A/115V 0.25A/230V	
AC impulse current	Cold-start current 13A/115V 26A/230V		Cold-start current 13A/115V 26A/230V	
Leakage current	<0.5mA/240VAC		<0.5mA/240VAC	
Over load protection	105%~150% rated output power Protection:Hiccup mode		105%~150% rated output power Protection:Hiccup mode	
Over voltage protection	13~16V Protection:Shut down output voltage	28~32V	13~16V Protection:Shut down output voltage	28~32V
short circuit protection	Protection:Hiccup mode		Protection:Hiccup mode	
Temperature coefficient	±0.03%(050)		±0.03%(050)	
Setup rise hold up time	200ms,100ms,30ms		200ms,100ms,30ms	
Vibration	10~500Hz,2G 10min./1cycle,Period for 60min,Each axes		10~500Hz,2G 10min./1cycle,Period for 60min,Each axes	
Withstand voltage	I/P-O/P:2.5KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC		I/P-O/P:2.5KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC	
Isolation resistance	I/P-O/P:100M Ohms / 500VDC / 25 / 65% RH		I/P-O/P:100M Ohms / 500VDC / 25 / 65% RH	
Working temperature and humidity	-10~+60°C, 20~90%RH		-10~+60°C, 20~90%RH	
Store temperature and humidity	-20~+85°C, 10~95%RH		-20~+85°C, 10~95%RH	
Overall dimension	230*70*46mm		256*78*47mm	
Weight	2.3Kgs		1.7Kgs	

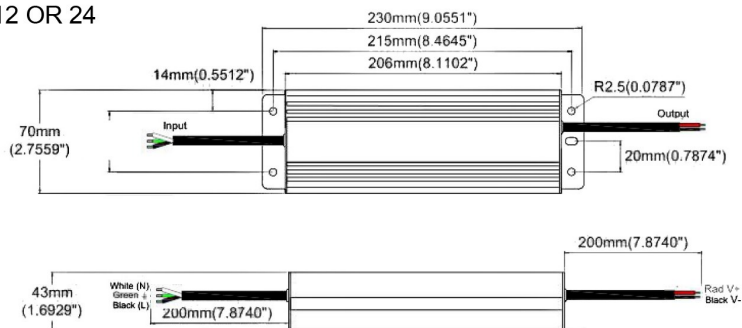
Natech Industrie

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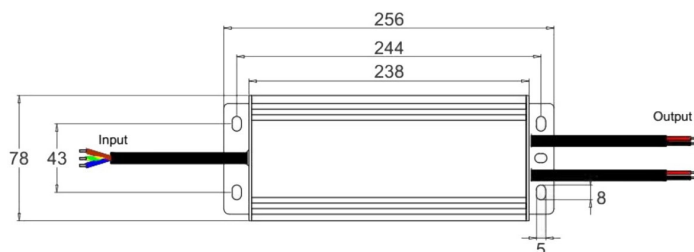
This specification is valid as of 2022-10 and is subject to change without notice. Please confirm with the manufacturer before placing an order.
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NT-OTM-TD100-PLW12 OR 24



NT-OTM-TD150-PLW12 OR 24



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