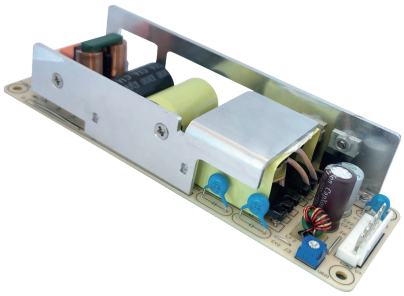
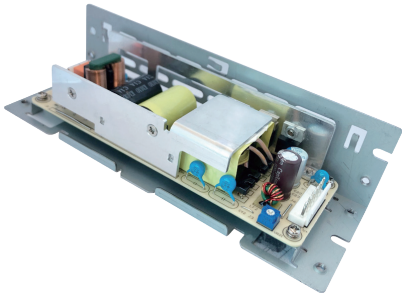
UNOWT 75W Series

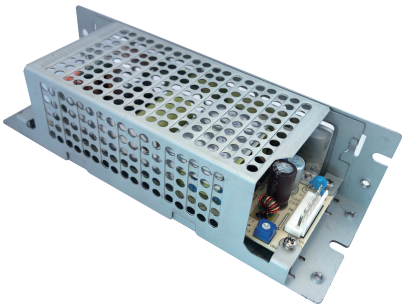
Industrial - Common



▲ UNOWT3075 Series



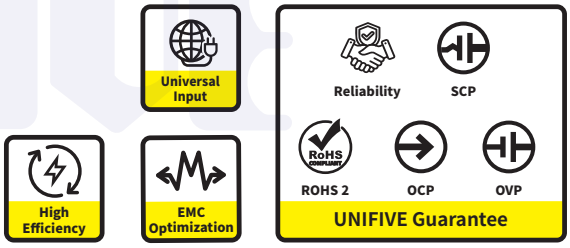
▲ UNBWT3075 Series
with chassis and cover



▲ UNSWT3075 Series
with chassis and cover

CE UKCA FC

For further information of UNOWT3075 series' safety standard, please contact us.



Model Name Definition

U N O W T 3 0 7 5 - ___

① ② ③ ④ ⑤

① Developed by UNIFIVE
② Series Code
③ Input 100V/240V
④ Output power (W)
⑤ Detail infomation

Highlight

- Flexibility
- Universal power input available (from 85Vac to 265Vac)
- Adjustable output voltage
- Energy Efficiency
- Appendix 8 of PSE : Comply with Dusty Requirement.

EMS Compliance

- EN55032
- EN61000-3-2
- EN61000-3-3
- EN61000-4-2
- EN61000-4-3
- EN61000-4-4
- EN61000-4-5
- EN61000-4-6
- EN61000-4-8
- EN61000-4-11

Standard*

- 62368-1
- DoE/ErP Level VI
- Commision Regulation(EU) 2019/1782
- DoE 10 CFR pt. 429 & 430
- Complies with DEN-AN

*UNOWT3075 series is designed to MEET all standards above.

Efficiency

- Up to

88%

Emissions

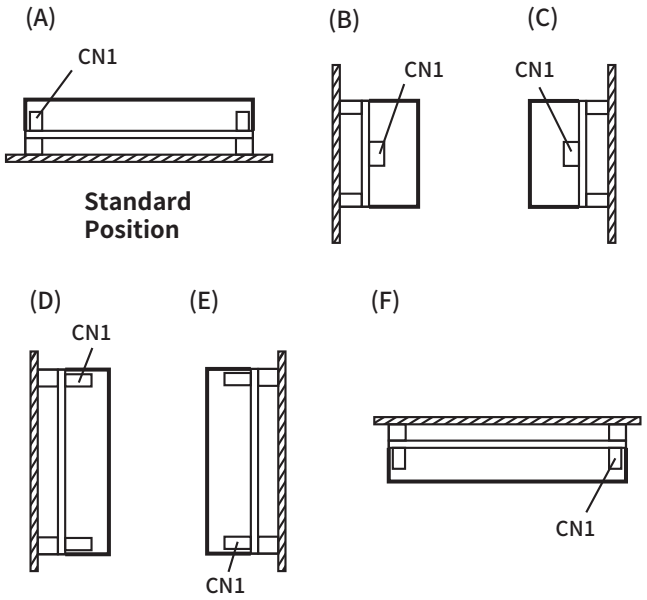
- FCC-B
- CISPR32-B
- BS EN55032

Immunity

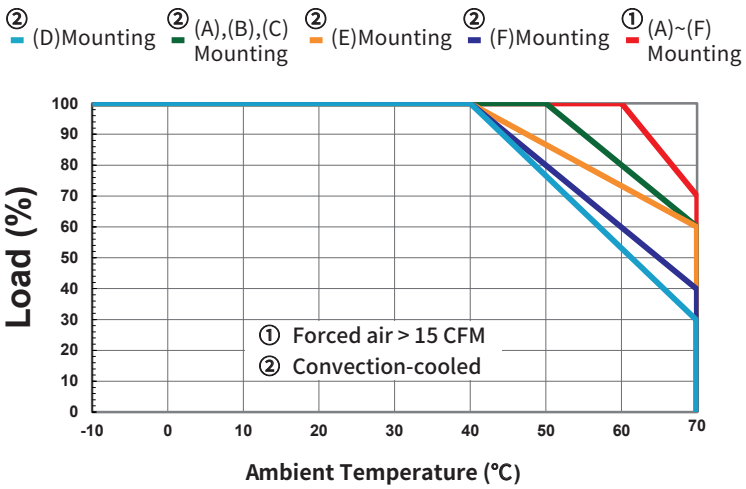
- EN55035
- BS EN55035

Installation Method & Derating

Installation method



Ambient temperature derating curve (referance value)



Electrical Spec

Input					
Description	Min.	Typ.	Max.	Units	Comment
Voltage	85	100~240	265	Vac	
Frequency	47	50/60	63	Hz	

Environmental					
Description	Min.	Typ.	Max.	Units	Comment
Operating Temperature	-10	-	70	°C	Free Convection,Sea Level Convection: -10 - +70°C (-10 - +50°C: 100%, +60°C: 80%, +70°C: 60%)
Storage Temperature	-30	-	75	°C	Free Convection,Sea Level
Operating Humidity	5	-	95	%RH	No Condensing
Storage Humidity	5	-	95	%RH	No Condensing

Typical model list

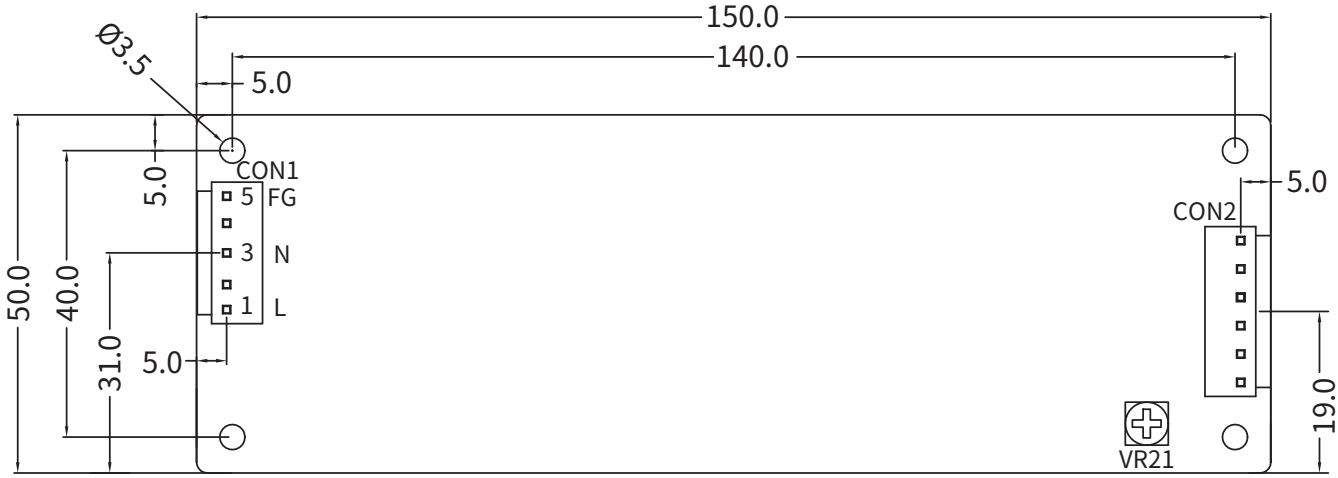
Output Port	DC Output Voltage	DC Output Current	Output voltage range	Ripple	Noise	Average Active Efficiency	Option/Remark
CN2	12.0V	6.3A	±10% (4.)	150mV	150mV	88.0%	
	15.0V	5.0A	±10% (4.)	150mV	150mV	88.0%	
	24.0V	3.2A	±10% (4.)	150mV	150mV	88.0%	
	48.0V	1.6A	±10% (4.)	200mV	200mV	88.0%	

■ Measurement Condition
1. Mesurements shall be made with an oscilloscope with 100MHz bandwidth.
2. Outputs shall be bypassed at the connector with a 0.1uF ceramic disk capacitor and a 100uF electrolytic capacitor to simulate system loading.
3. Use cable length 150mm for ripple test.
4. Output voltage range ±10%,the voltage can be adjusted by a rheostat.

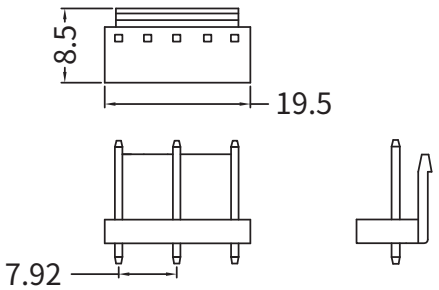
more detail on next page

Mechanical Spec

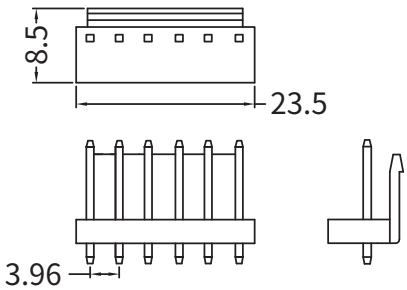
TOLERANCE:±0.5
Unit:mm



CON1



CON2



CN1

PIN NUMBER	INPUT
1	AC(L)
2	AC(N)
3	

CN1 : INPUT CONNECTION
MODEL NO : JSW A3963WV-5P 5PIN
PIN2,4無
(THE EQUIVALENT)

CN2

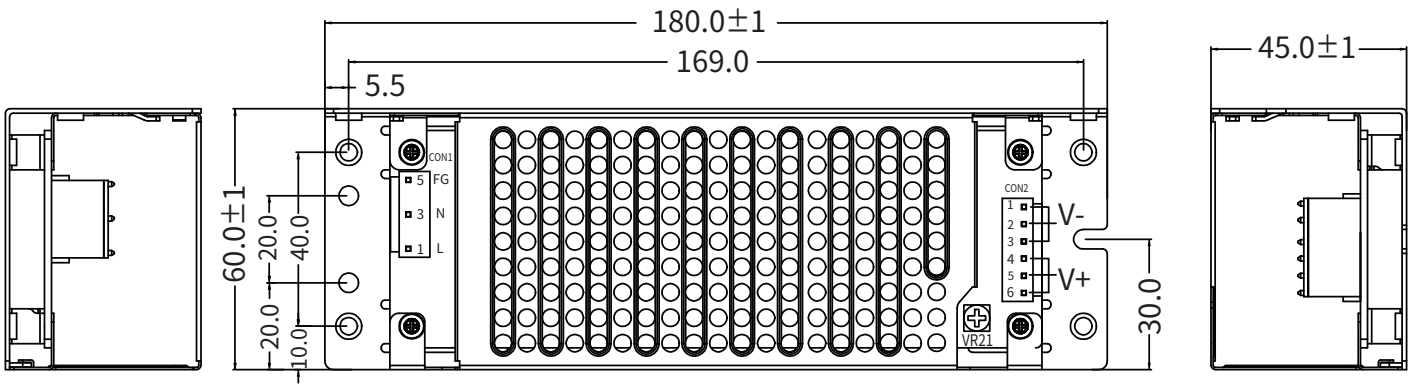
PIN NUMBER	OUTPUT
1,2,3	V-
4,5,6	V+

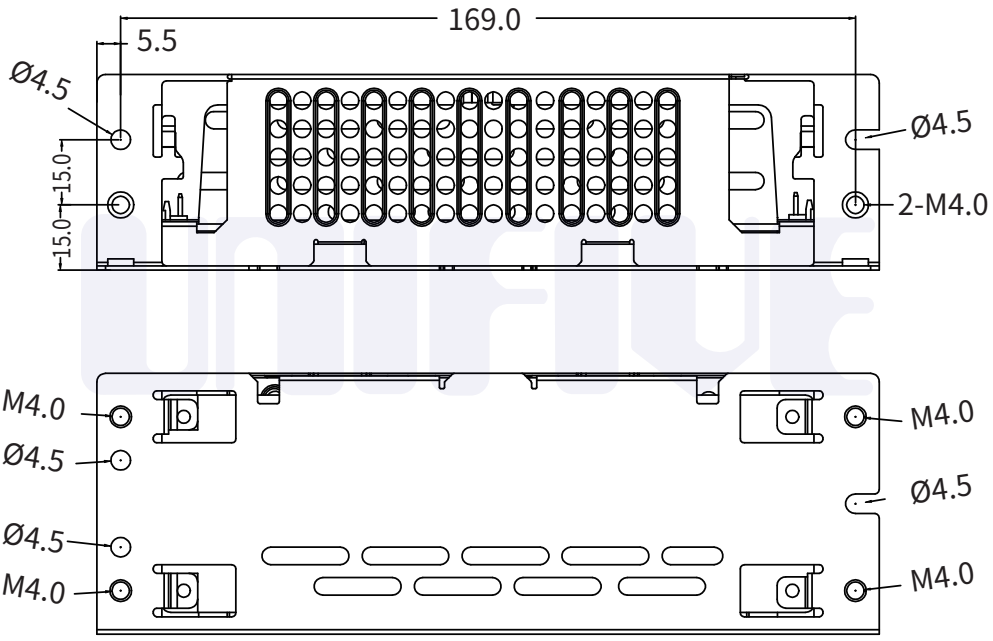
CN2 : OUTPUT CONNECTION
MODEL NO : JSW 6PIN A3963WV-6P
P=3.96
(THE EQUIVALENT)

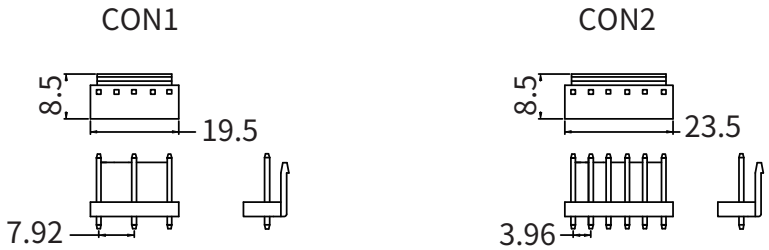
Please contact our sales department for details of each model

Mechanical Spec

TOLERANCE:±0.5
Unit:mm







CN1

PIN NUMBER	INPUT
1	AC(L)
2	AC(N)
3	

CN1 : INPUT CONNECTION
MODEL NO : JSW A3963WV-5P 5PIN
PIN2,4無
(THE EQUIVALENT)

CN2

PIN NUMBER	OUTPUT
1,2,3	V-
4,5,6	V+

CN2 : OUTPUT CONNECTION
MODEL NO : JSW 6PIN A3963WV-6P
P=3.96
(THE EQUIVALENT)

- Please contact our sales department for details of each model