

# RWS600 SERIES

AC/DC Power Supply Single Output: 600 Watts



## Features

- Universal input 85 - 265VAC
- 600 watts output power
- Output voltage adjustment
- Short circuit and OVP protection
- Harmonic correction EN61000-3-2 & Power Factor 0.95
- EMC EN55022-B, Immunity to EN61000-4
- Remote ON / OFF - option
- International safety approvals EN60950, UL60950

## Specifications

<b>Input Voltage</b>	85 ~ 265VAC ( 300VAC 5 secs )
<b>Input Freq.</b>	47 ~ 63Hz
<b>Input Current</b>	7.2A / 4A
<b>Power Factor</b>	Typically 0.95
<b>Harmonics</b>	EN61000-3-2
<b>Leakage Current</b>	700µA max., typically 175µA at 115VAC
<b>Output Power</b>	600 watts
<b>Efficiency</b>	85 / 88% at 115 / 230VAC
<b>Output Voltage</b>	See table
<b>Ripple &amp; Noise</b>	Model dependent: 150 ~240mV ( 5V ~ 48V )
<b>Line Regulation</b>	Model dependent: 40 ~96mV (5V ~ 48V )
<b>Load Regulation</b>	Model dependent: 40 ~380mV ( 5V ~ 48V )
<b>Temp Co-efficient</b>	0.02% per °C
<b>Overload Protection</b>	>105% Constant current limiting. With hiccup protection & auto recovery.
<b>Overvoltage Protection</b>	OVP will shutdown unit. Recycle AC power after 30 seconds to restart.
<b>Hold-Up time</b>	Typically 20ms
<b>Remote Sense</b>	Option
<b>Parallel Operation</b>	N / A
<b>Operating Temp.</b>	-10°C to +70°C @ 100% load, +70°C @ 20% load
<b>Humidity</b>	10 ~ 90% RH no dewdrop
<b>Cooling</b>	Forced air by internal fan
<b>Isolation</b>	Input – Output / Case: 3000VAC / 2000VAC Output – Case: 500VAC
<b>Safety</b>	Approvals: UL60950, EN60950-1, EN50178
<b>EMI</b>	EN55011 / EN55022 – B
<b>Immunity</b>	EN61000-4-2, -3, -4, -5, -6, -8, -11.
<b>Dimensions</b>	120 x 61 x 210mm 1.6Kg ( Includes terminals)

## Description

The **RWS600** series power supplies are new generation low cost design, aimed at industrial applications.

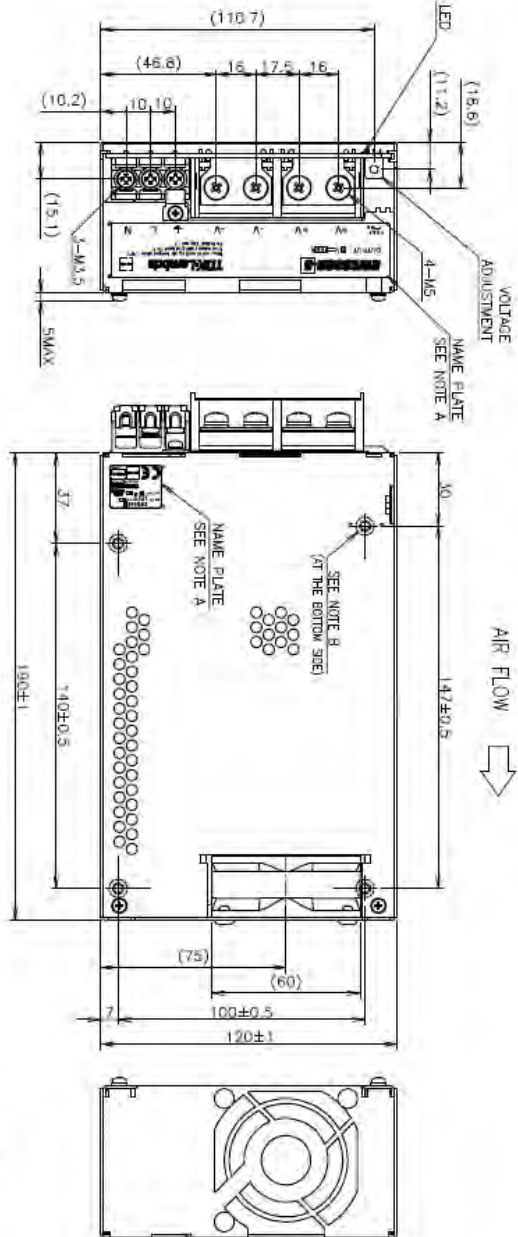
The wide output voltage adjustment and Constant Current limiting, provides design flexibility for a wide range of applications.

Model	Output		Voltage Range	Power W
	V	A		
<b>RWS600B-5</b>	5V	100A	4.5 ~ 5.75V	500W
<b>RWS600B-12</b>	12V	50A	10.8 ~13.8V	600W
<b>RWS600B-15</b>	15V	40A	13.5 ~17.0V	600W
<b>RWS600B-24</b>	24V	25A	22~ 27.6V	600W
<b>RWS600B-36</b>	36V	16.7A	32 ~ 41.4V	600W
<b>RWS600B-48</b>	48V	12.5A	43 ~ 52.8V	600W

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== ACCESSORIES ==  
• COVER FOR BARRIER TERMINAL STRIP (ATTACHED ON TERMINAL AT SHIPMENT)



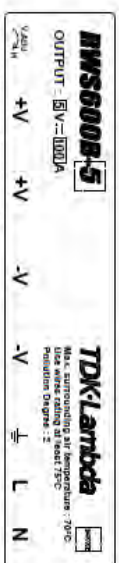
== NOTES ==

A : MODEL NAME, OPTION, INPUT VOLTAGE RANGE, NOMINAL OUTPUT VOLTAGE, MAXIMUM OUTPUT CURRENT AND COUNTRY OF MANUFACTURE ARE SHOWN HERE IN ACCORDANCE WITH THE SPECIFICATIONS.

NAME PLATE DETAILS



SCALE FOR NAME PLATE : 2/1



SCALE FOR NAME PLATE : 1/1

B : 8-M4 BR & COUNTERSINK ARE FOR CUSTOMER'S CHASSIS MOUNTING. (SCREW PENETRATION DEPTH FROM MAX.)