

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

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

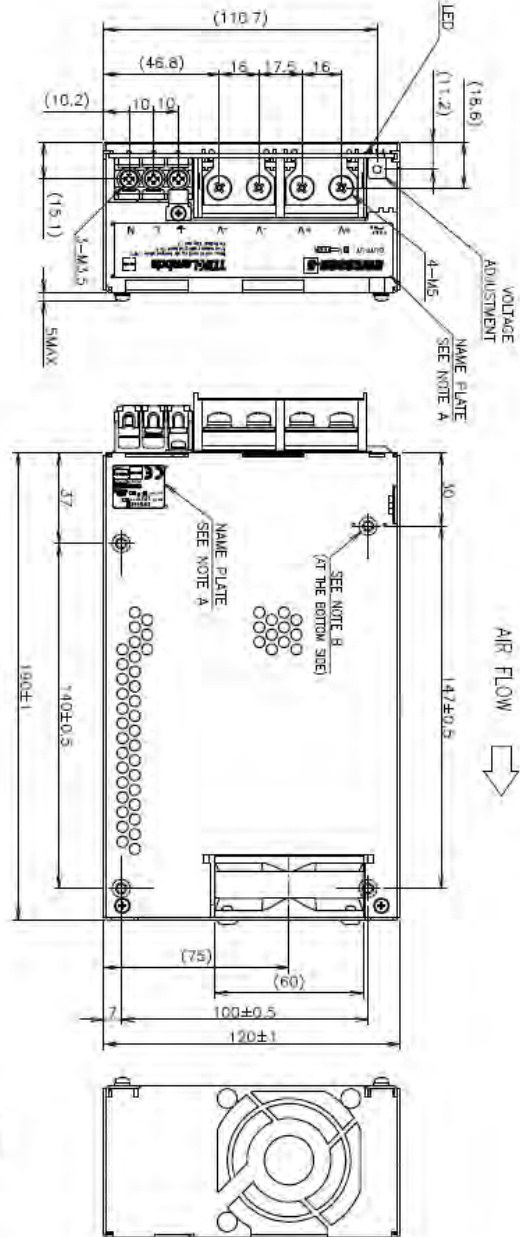
The wide output voltage adjustment and Constant Current limiting, provides design flexibility for a wide range of applications.

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

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



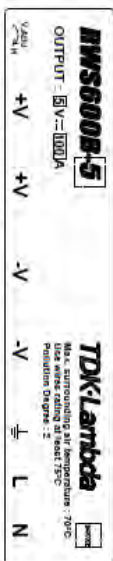
== NOTES ==

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



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