

Power Supply Product

1000W and 1500W Power Supplies Have Optional 5V Standby Outputs

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TDK Corporation (TSE 6762) announces the introduction of an isolated 5V 1A standby voltage option to the RWS1000B and RWS1500B industrial AC-DC power supplies. Applications include industrial, test & measurement, broadcast, communications and LED signage equipment.

Rated at 1000W and 1500W the additions are available with 12, 15, 24, 36 and 48V main outputs and can accept an 85 to 265Vac input. The standby voltage option is required if key circuitry has to be kept active when the main high-power output is inhibited for energy saving purposes, or during an overload condition. This avoids the necessity for an often lengthy hard system re-start.

Other options for the power supplies include double sided board coating, reverse airflow (which extends operation to +70°C ambient temperatures), remote on/off, current share and an isolated DC Good/Fan Fail signal. A seven year warranty is provided as standard.

All TDK-Lambda RWS-B 1000 and 1500W models are certified to the safety standards of UL/CSA/EN 60950-1 (62368-1 in process) and are CE marked in accordance to the Low Voltage, EMC and RoHS Directives. All models offer curve B conducted and radiated performance to EN55011/EN55032-B, meet EN 61000-3-2 harmonics, IEC 61000-4 immunity and SEMI F47 line dip standards.

More information can be obtained at the following TDK-Lambda Americas webpage, <https://us.tdk-lambda.com/lp/products/rwsb-series.htm>, or by calling 800-LAMBDA-4. Product availability for all the RWS-B power supplies can be found via the link to TDK-Lambda's distributor network (see "Check Distributor Stock") at <https://www.us.tdk-lambda.com/lp/>.

Major applications

Industrial, test & measurement, broadcast, communications and LED signage equipment

Main features and benefits

- Seven year warranty
- 5V 1A standby voltage
- Cost effective
- Long service life (conservative electrolytic capacitor ratings)

Major specifications

Model		RWS1000B	RWS1500B
Input voltage range	Vac	85 – 265Vac	
Output voltages	Vdc	12, 15, 24, 36 and 48V	
Output power	W	1005 - 1008W	1500 - 1536W
Standby Voltage	-	5V 1A	
Safety Certifications	-	IEC / UL / CSA / EN 60950-1 (62368-1 in process)	
Size (W x L x H)	mm	127 x 63 x 198 mm	127 x 63 x 261 mm
Warranty	-	Seven years	

About TDK Corporation

TDK Corporation is a leading electronics company based in Tokyo, Japan. It was established in 1935 to commercialize ferrite, a key material in electronic and magnetic products. TDK's portfolio features passive components such as ceramic, aluminium electrolytic and film capacitors, and magnetics, high-frequency, and piezo and protection devices. The product spectrum also includes sensors and sensor systems such as temperature and pressure, magnetic, and MEMS sensors. In addition, TDK provides power supplies and energy devices, magnetic heads and more. These products are marketed under the product brands TDK, EPCOS, InvenSense, Micronas, Tronics and TDK-Lambda. TDK focuses on demanding markets in the areas of information and communication technology and automotive, industrial and consumer electronics. The company has a network of design and manufacturing locations and sales offices in Asia, Europe, and in North and South America. In fiscal 2018, TDK posted total sales of USD 12 billion and employed about 103,000 people worldwide.

About TDK-Lambda Corporation

TDK-Lambda Corporation, a group company of TDK Corporation, is a leading global power supply company providing highly reliable power supplies for industrial equipment worldwide. TDK-Lambda Corporation meets the various needs of customers with our entire range of activities, from research and development through to manufacturing, sales, and service with bases in five key areas, covering Japan, Europe, America, China, and Asia.

For more details, please pay a visit to <http://www.tdk-lambda.com/>

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