



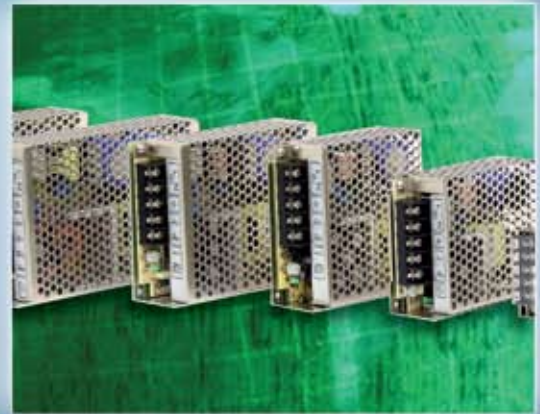
Current Automation

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Your Reliable Power Partner
ISO-9001 Switching Power Supply Manufacturer



What's springing
up in Spring
2008?

AC-DC (Level V) Green Adapters



GS Series

Model	Watt	Input	Single Output Rated Current (A)									Dimension (LxWxH) (mm)
			5V	7.5V	9V	12V	15V	18V	19V	24V	48V	
GS40A□-PIJ	40W	90~264VAC	5	5.34	4.45	3.34	2.67	2.22	-	1.67	0.84	125x50x31.5
GS60A□-PIJ	60W	90~264VAC	6	6	6	5	4	3.33	-	2.5	1.25	125x50x31.5
GS90A□-PIJ	90W	90~264VAC	-	-	-	6.67	6	-	4.74	3.75	1.875	145x60x32

Introduction:

GS90 series is a 90W green adapter which complies with Energy Star regulation (version 2.0), US California Energy Code (CEC level V), and EISA 2007 (Energy independence and Security ACT of 2007) of USA. Possessing very low "no load power consumption" (0.5W) and up to 89% of high efficiency, the whole series are real energy saving at both standby mode and active mode and fulfill the green trend of the world. Using the standard IEC320-C14 inlet as the input connector, GS90 series is a 90~264VAC full range input desktop switcher with built-in active PFC function. With earth ground pin and enclosed by UL 94V-0 rated plastic case, these Class I units can effectively prevent users from electrical shock. Through the built-in LED indicator, users can easily tell whether the unit is on duty or not. GS90 also passed the LPS (Limited power source) test and acquired global safety safety / EMC certificates per T.U.V, U.L, CB, BSMI, CE, FCC, and CCC which greatly guarantees the safety and reliability for all different applications such as consumer electronics, communications industry, office / commercial equipment and industrial devices.

Miniature single output DIN rail powersupplies



MDR Series

Model	Watt	Input	Single Output Rated Current (A)					Dimension (LxWxH) (mm)
			5V	12V	15V	24V	48V	
MDR10-□	10W	85~264VAC	2	0.84	0.67	0.42	-	22.5 x 90 x 100
MDR100-□	60W	85~264VAC	-	7.5	-	4	2	55 x 90 x 100

Introduction:

MDR-10 Series is a new slim type (22.5mm in width) DIN rail switching power supply targeting the fast growing demand of the low wattage DIN rail market. These 10W class I models are enclosed with a fully isolated plating casing to prevent users from hazardous shocks. Featuring up to 85% efficiency. This series can be cooled by only free air convection up to 70°C that significantly increases the reliability and lifetime of the power supply. Another important feature of the MDR-10 is that has a low no load power consumption (<0.75W). This unique characteristic can significantly expand the application of MDR-10 beyond just heavy industrial fields, but can also be used in data communication or IT applications that require green power to save the energy.

Short circuit protection, overload protection (hiccup type), over voltage protection, and DC OK signal for monitoring the status of the PSU, are standard functions of the MDR-10 series. Typical applications includes factory automation, process control, signal sensors, electro-mechanical industry, datacom, IT etc.

Single output DC-DC converters



SD-500 / SD-1000 Series

Model	Watt	Input	Single Output Rated Current (A)			Dimension (LxWxH) (mm)
			12V	24V	48V	
SD-500L-□	500	19~72	40	21	10.5	215x115x50mm
SD-500H-□	500	72~144	40	21	10.5	215x115x50mm
SD-1000L-□	1000	19~72	60	40	21	295x127x41mm
SD-1000H-□	1000	72~144	60	40	21	295x127x41mm

Introduction:

The SD-500 series is a 500W enclosed type DC/DC converter. Featuring 4:1-2:1 wide DC input range and 2000VAC input/output isolation. SD-500 series has two kinds of DC input levels namely 19~72V (L type), 72~144V (H type) and three kinds of DC output levels: 12V, 24V, 48V for end users to select from. With built-in short circuit, over load, over voltage, over temperature, and input polarity protections, these compact converters with the same size as SD-350 (350W) are suitable for general electrical engineering usage, automotive and battery backup applications which have space constraints and require a compact DC/DC power solution. Other standard functions includes, output OK signal, remote on/off control, and remote sense function that can fit in with many possible special end applications.

Control and Monitor unit for 19" rack power



RCP-MU

Model	Watt	Input	Single Output Rated Current (A)			Description	Dimension (LxWxH) (mm)
			12V	24V	48V		
RCP-MU	-	90~264VAC	-	-	-	Control and Monitor RCP	440 x 68 x 44
RCP-1000 x 3	1000	90~264VAC	60 x 3	40 x 3	21 x 3	1U Rack Power System	350.8 x 483.6 x 44

Introduction:

The RCP-MU is a peripheral unit for our rack power family to provide a more complete solution for the typical 19" rack operation environment. Possessing a 1U low profile. Furthermore the RCP-MU is a monitoring and control unit for the RCP-1000 series rack power. It can decode the I²C signal sent by the RCP series and display it through digital meters and transfer the status into relay contact signals. Up to 3 units of the RCP-1000 can be monitored by one RCP-MU and the information of the output voltage, output current and internal temperature of each RCP-1000 unit will be shown on the digital meters. Using the potential meters and switches on the front panel of the RCP-MU, the output voltage of the RCP-1000 can be trimmed and the RCP-1000 unit can also be turned ON/OFF remotely.

The built-in relays and LED signals can reflect the important operation status of each RCP-1000 series such as AC fail, DC fail, and over temperature warnings. To fulfill different installation requirements, the fixing accessory of the RCP-MU is removable and hence increases its flexibility to all kinds of applications.

True sine wave inverters



TS Series

Model	Continuous Power	Output VAC / Hz	Input	Dimension (LxWxH) (mm)
TS-700-212	700W	230 / 50	10.5~15	343 x 184 x 70
TS-700-224	700W	230 / 50	21~30	343 x 184 x 70
TS-700-248	700W	230 / 50	42~60	343 x 184 x 70
TS-1000-212	1000W	230 / 50	10.5~15	393 x 184 x 70
TS-1000-224	1000W	230 / 50	21~30	393 x 184 x 70
TS-1000-248	1000W	230 / 50	42~60	393 x 184 x 70

Introduction:

The TS-1000 is a DC/AC power converter using high-frequency circuit topology. These true sine wave inverters are light weight and possess up to 92% high efficiency and hence can provide a 1000W continuously for all kinds of harsh loads with a low Total harmonic distortion of THD < 3%. Peak load capability including 1150W for 3 minutes, 1500W for 10 seconds, or 2000W surge power for 30 utility cycles.

The TS-1000 is controlled by a microprocessor and the output AC voltage and frequency can be adjusted easily through the front panel for various applications. The "standby saving mode" function can also be selected by end users through the same setting button to save precious energy stored in the battery banks. Protection for this unit is quite complete, with all kinds of battery related or operational protections included. Complying with global safety EMC certificates. The TS-1000 is suitable for powering up all kinds of home appliances, power tools, and office / portable equipment in vehicles, yachts, mobile homes or places that the utility can't be reached, or if the power quality is poor.

LED / Outdoor power supply



CLG Series

Model	Watt	Input	Single Output Rated Current (A)						Dimension (LxWxH) (mm)	
			12V	15V	20V	24V	30V	36V		48V
CLG-150-□	150	90~280	11	9.5	7.5	6.3	5	4.2	3.2	222 x 68 x 39

Introduction:

CLG-150 series are 150W high IP rated AC/DC products for the growing demands of larger scale LED lighting related applications. With wide range input 90~280VAC, the CLG-150 series also possesses active PFC function complying with EN61000-3-2 (harmonic current) class C for > 50% of output rated loading fulfills the requirement of typical lighting applications. The most important feature for CLG-150 is the user adjustable output voltage and current levels. Keeping IP65/67 high protection level against dust and moisture, users still can adjust I_o (and V_o) by removing the rubber stopper on the case (A, C type) or through the output signal cable (B type) which is often requested by LED system integrators.

Efficiency of CLG-150 are as high as 90% and hence can operate -30°C up to +70°C by only free air convection. Standard functions include short circuit, over load, over voltage, and over temperature protections. Three types of mechanical design (A, B, C type) can be chosen and users can select the most suitable I/O connection style (cable or terminal block). Typical applications include general outdoor usage, LED streetlamps, midscale moving signs and backlighting. LED stage and theater lighting.



Single output AC/DC Green adapter



Introduction:

The new GS-12 series complies with the latest Energy Star regulation and US California energy law (CEC level IV). The whole design is imbued with energy saving and environmental protection concerns and can match the design trend of end users' future system. GS12 series are wall mounted external switchers and possess two kinds of standard AC plug options (US type & European type). With 65x47x26.5mm compact size, these green adapters are light and convenient to carry. Very low "no load power consumption" (<0.3W) and up to 80% of high efficiency are two main features for GS12 to be energy saving. With 90~264VAC full range input and 5~24Vdc different output voltage options. GS12 can be used globally for all kinds of small electronic devices. It also passed the LPS test and acquired global safety / EMC certificates per TUV, UL, BSMI, CE, and FCC which greatly secure all different applications for consumer electronics, communication industry devices. It also fulfills the recovery rate of IT / communication equipment required by WEEE that around 95.2% of the unit can be effectively recovered.

GS12E Series

Model	Watt	Input (Note1)	Single Output Rated Current (A)							Dimension (LxWxH) (mm)
			5V	7.5V	9V	12V	15V	18V	24V	
GS12E□-PIJ	12W	90~264VAC	2	1.6	1.33	1.00	0.80	0.67	0.50	65 x 47 x 26.5

12W DC-DC regulated single and dual output converters



Introduction:

SCW12/ DCW12 series are 12W regulated single / dual output DC/DC converters designed for the growing demands of low cost and miniature size applications. With DIP packaging, these 12W products maintain the same size as the original 3W products (1.25" x 0.8" x 0.48") which increases the power density by 4 times and can still work at full load under 60°C of ambient temperature.

SCW12 and DCW12 series are designed to comply with standard pin assignments in the market. Other standard features include 2:1 wide input range, 1500VDC input/output isolation, remote ON/OFF control, low ripple, noise, low cost, CE/FCC compliance, and short circuit/overload protection. With a five sided shield metal case it significantly enhances the EMC characteristics that make the SCW12 / DCW12 suitable for industrial control, telecom/databcom, and distributed power architecture related applications.

SCW12 & DCW12 Series

Model	Watt	Input	Single Output Rated Current (A)						Dimension (LxWxH) (mm)
			5V	± 5V	12V	± 12V	15V	± 15V	
SCW12A-□	12W	9~18VDC	2400mA	-	1000mA	-	800mA	-	31.8 x 20.3 x 3.8
SCW12B-□		18~36VDC							
SCW12C-□		36~72VDC							
DCW12A-□	12W	9~18VDC	-	1200mA	-	500mA	-	400mA	31.8 x 20.3 x 3.8
DCW12B-□		18~36VDC							
DCW12C-□		36~72VDC							



"The best way to predict the future is to invent it"