Datashet 2

LRS-75 series

75W Single Output Switching Power Supply

User's Manual

Features

- Universal AC input / Full range
- Withstand 300VAC surge input for 5 second
- No load power consumption<0.3W
- Miniature size and 1U low profile
- High operating temperature up to 70℃
- Protections: Short circuit / Overload / Over voltage
- Cooling by free air convection
- Compliance to IEC/BS EN/EN 60335-1(PD3) and IEC/BS EN/EN61558-1, -2-16 for household appliances
- Operating altitude up to 5000 meters (Note.7)
- Withstand 5G vibration test
- High efficiency, long life and high reliability
- LED indicator for power on
- Over voltage category III
- 100% full load burn-in test
- 3 years warranty

Applications

- Industrial automation machinery
- Industrial control system
- Mechanical and electrical equipment
- Electronic instruments, equipments or apparatus
- Household appliances

GTIN CODE

MW Search: https://www.meanwell.com/serviceGTIN.aspx

Description

LRS-75 series is a 75W single-output enclosed type power supply with 30mm of low profile design. Adopting the full range 85~264VAC input, the entire series provides an output voltage line of 5V, 12V, 15V, 24V, 36V and 48V.

In addition to the high efficiency up to 91.5%, the design of metallic mesh case enhances the heat dissipation of LRS-75 that the whole series operates from -30℃ through 70℃ under air convection without a fan. Delivering an extremely low no load power consumption (less than 0.3W), it allows the end system to easily meet the worldwide energy requirement. LRS-75 has the complete protection functions and 5G anti-vibration capability; it is complied with the international safety regulations such as TUV BS EN/EN62368-1, BS EN/EN60335-1,BS EN/EN61558-1/-2-16, UL62368-1 and GB 4943.1. LRS-75 series serves as a high price-to-performance power supply solution for various industrial applications.

Model Encoding

LRS - 75 - 5

- 5 — Output voltage
- 75 — Rated wattage
- LRS — Series name

MEAN WELL

75W Single Output Switching Power Supply LRS-75 series

SPECIFICATION

MODEL		LRS-75-5	LRS-75-12	LRS-75-15	LRS-75-24	LRS-75-36	LRS-75-48
OUTPUT	DC VOLTAGE	5V	12V	15V	24V	36V	48V
	RATED CURRENT	14A	6A	5A	3.2A	2.1A	1.6A
	CURRENT RANGE	0 ~ 14A	0 ~ 6A	0 ~ 5A	0 ~ 3.2A	0 ~ 2.1A	0 ~ 1.6A
	RATED POWER	70W	72W	75W	76.8W	75.6W	76.8W
	RIPPLE & NOISE (max.) Note.2	100mVp-p	120mVp-p	120mVp-p	150mVp-p	200mVp-p	200mVp-p
	VOLTAGE ADJ. RANGE	4.5 ~ 5.5V	10.2 ~ 13.8V	13.5 ~ 18V	21.6 ~ 28.8V	32.4 ~ 39.6V	43.2 ~ 52.8V
	VOLTAGE TOLERANCE Note.3	±2.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%
	LINE REGULATION Note.4	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
	LOAD REGULATION Note.5	±1.0%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
	SETUP, RISE TIME	500ms, 30ms/230VAC 500ms,30ms/115VAC at full load					
	HOLD UP TIME (Typ.)	60ms/230VAC 12ms/115VAC at full load					
INPUT	VOLTAGE RANGE	85 ~ 264VAC 120 ~ 373VDC					
	FREQUENCY RANGE	47 ~ 63Hz					
	EFFICIENCY (Typ.)	86.5%	89%	89%	90%	91.5%	91.5%
	AC CURRENT (Typ.)	1.4A/115VAC 0.85A/230VAC					
	INRUSH CURRENT (Typ.)	COLD START 65A/230VAC					
	LEAKAGE CURRENT	<0.75mA / 240VAC					
PROTECTION	OVER LOAD	110 ~ 150% rated output power					
		Protection type : Hiccup mode, recovers automatically after fault condition is removed					
	OVER VOLTAGE	5.75 ~ 6.75V	13.8 ~ 16.2V	18.75 ~ 21.75V	28.8 ~ 33.6V	41.4 ~ 48.6V	55.2 ~ 64.8V
		Protection type : Shut down o/p voltage, re-power on to recover					
ENVIRONMENT	WORKING TEMP.	-30 ~ +70℃ (Refer to "Derating Curve")					
	WORKING HUMIDITY	20 ~ 90% RH non-condensing					
	STORAGE TEMP., HUMIDITY	-40 ~ +85℃, 10 ~ 95% RH non-condensing					
	TEMP. COEFFICIENT	±0.03%/℃ (0 ~ 50℃)					
	VIBRATION	10 ~ 500Hz, 5G 10min./1cycle, 60min. each along X, Y, Z axes					
	OVER VOLTAGE CATEGORY	III; Compliance to BS EN/EN61558, BS EN/EN50178,BS EN/EN60664-1, BS EN/EN62477-1; altitude up to 2000 meters					
SAFETY & EMC (Note 8)	SAFETY STANDARDS	UL62368-1, TUV BS EN/EN62368-1, BS EN/EN60335-1, BS EN/EN61558-1/-2-16,GB 4943.1, BSMI CNS15598-1, EAC TP TC 004,AS/NZS 62368.1(by CB),KC62368-1, BIS IS13252(Part1): 2010/IEC 60950-1: 2005(NOTE 9) approved					
	WITHSTAND VOLTAGE	I/P-O/P:4KVAC I/P-FG:2KVAC O/P-FG:1.25KVAC					
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG:100M Ohms/500VDC / 25℃/ 70% RH					
	EMC EMISSION	Compliance to BS EN/EN55032 (CISPR32) Class B, BS EN/EN55014, BS EN/EN61000-3-2,-3, GB17625.1,GB/T 9254.1, BSMI CNS15936, EAC TP TC 020,KC KSC 9832, KSC 9835					
	EMC IMMUNITY	Compliance to BS EN/EN61000-4-2,3,4,5,6,8,11, BS EN/EN61000-6-2 (BS EN/EN50082-2), BS EN/EN55035, heavy industry level,EAC TP TC 020,KC KSC 9832, KSC 9835					
OTHERS	MTBF	3334.3K hrs min. Telcordia SR-332 (Bellcore) ; 667.2Khrs min. MIL-HDBK-217F (25℃)					
	DIMENSION	99*97*30mm (L*W*H)					
	PACKING	0.25Kg ; 45pcs/ 12.25Kg/ 0.77CUFT					

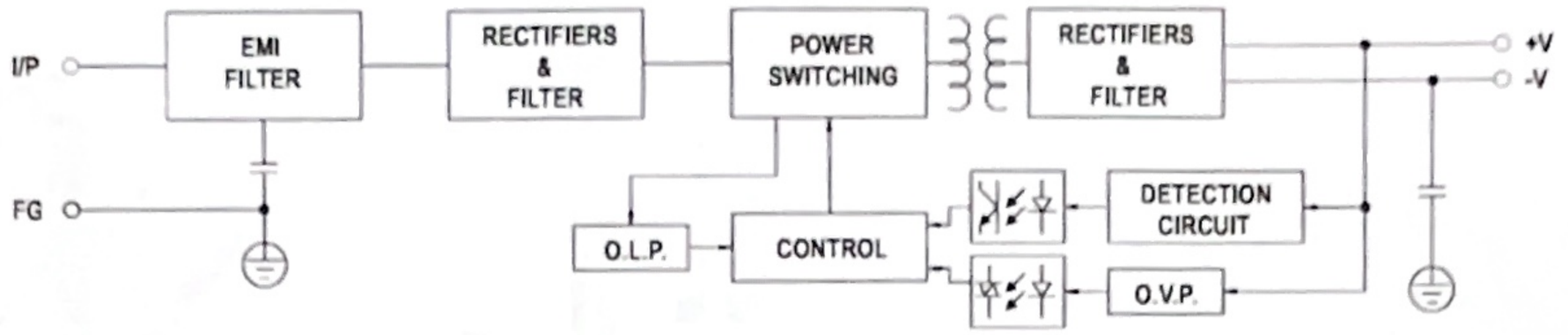
NOTE

1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25℃ of ambient temperature.
2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor.
3. Tolerance : includes set up tolerance, line regulation and load regulation.
4. Line regulation is measured from low line to high line at rated load.
5. Load regulation is measured from 0% to 100% rated load.
6. Length of set up time is measured at cold first start. Turning ON/OFF the power supply very quickly may lead to increase of the set up time.
7. The ambient temperature derating of 5℃/1000m is needed for operating altitude greater than 2000m(6500ft).
8. The power supply is considered a component which will be installed into a final equipment. All the EMC tests are been executed by mounting the unit on a 360mm*360mm metal plate with 1mm of thickness. The final equipment must be re-confirmed that it still meets EMC directives. For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies." (as available on https://www.meanwell.com//Upload/PDF/EMI_statement_en.pdf)
9. Some model may not have the BIS logo, please contact your MEAN WELL sales for more information.

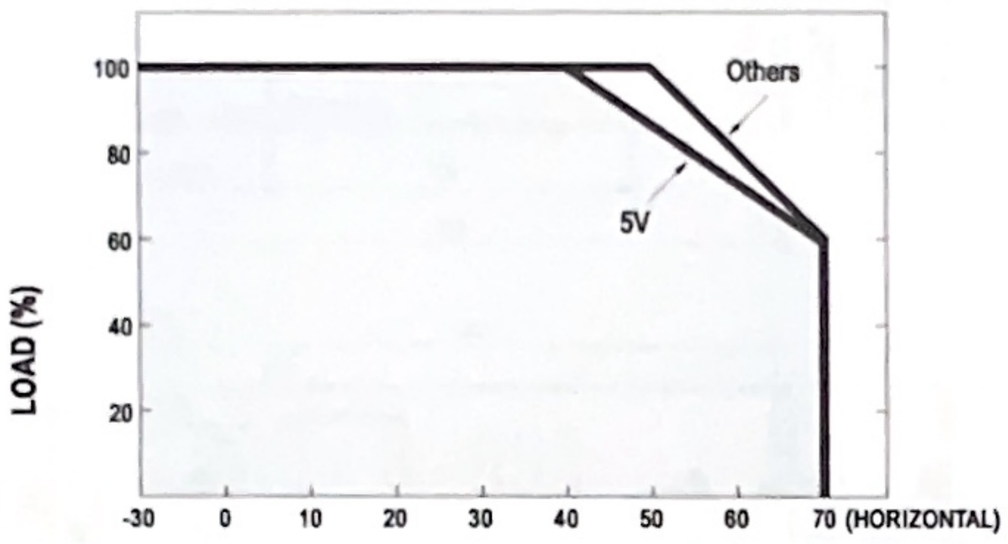
※ Product Liability Disclaimer : For detailed information, please refer to https://www.meanwell.com/serviceDisclaimer.aspx

■ Block Diagram

fosc : 65KHz

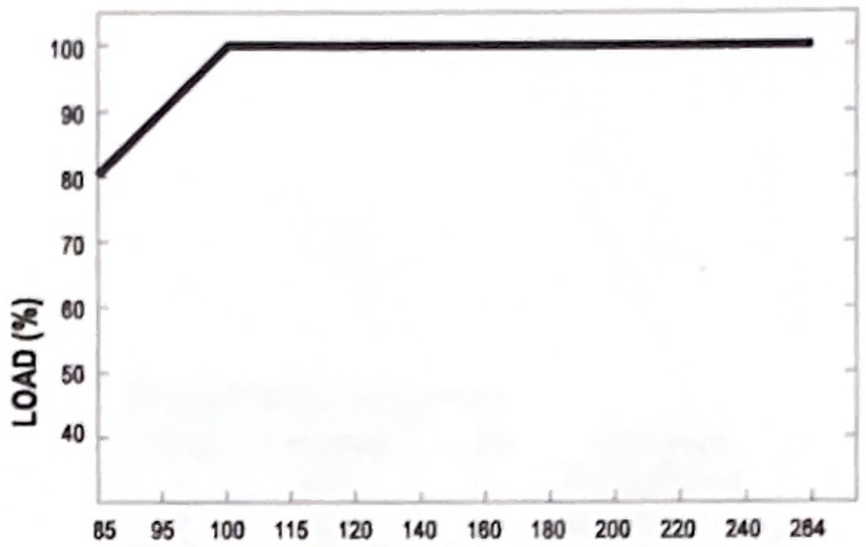


■ Derating Curve



AMBIENT TEMPERATURE (℃)

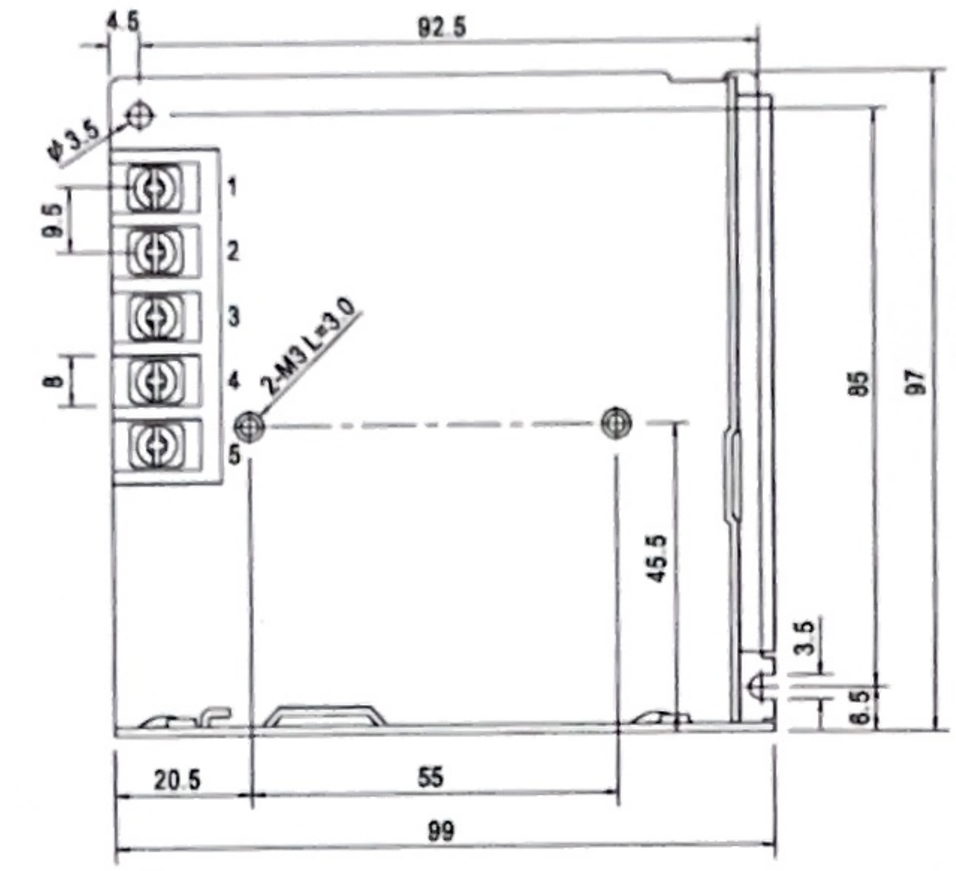
■ Static Characteristics

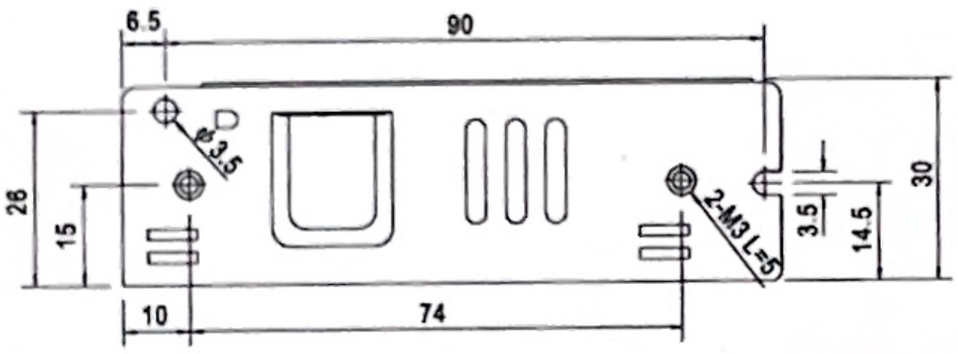


INPUT VOLTAGE (VAC) 60Hz

■ Mechanical Specification

Case No.240A Unit:mm





Terminal Pin No. Assignment

Pin No.	Assignment	Pin No.	Assignment
1	AC/L	4	DC OUTPUT -V
2	AC/N	5	DC OUTPUT +V
3	FG ⏚		

■ Installation Manual

Please refer to : http://www.meanwell.com/manual.html

Specifications

Datasheet 1

Product Code	24HPOW
Input Voltage	100-240V AC
Input Current	1.6A
Output Voltage	24V DC
Output Current	2.5A
Power Output	60W
Operating Temperature Range	-30°C to +50°C
Design Features	Compact and lightweight for easy integration
Recommended Use	Long cable runs with multiple high-power wireless cards
Included Parts	IEC power cord

Datasheet 3

MikroTik 24HPOW

High power 24V 2.5A power supply + power plug.

- Recommended for long cable runs with several high power wireless cards.

.

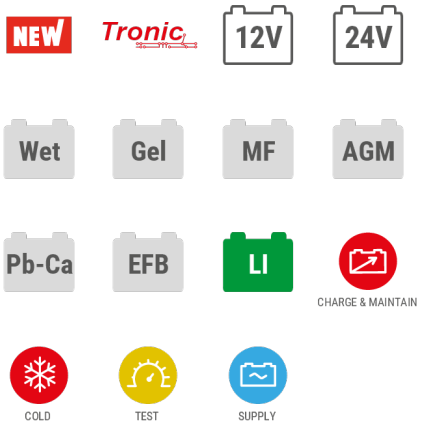
Specifications

Details	
Product code	24HPOW
Input voltage	100/240V 1.6A
Tested ambient temperature	-30°C to +50°C

Other

Details	
Output Voltage	24V 2.5A

ALPINE 21i



- 12V/24V electronic battery charger and maintainer with LCD screen for WET, GEL, AGM, MF, PbCa, EFB and Li batteries. Complete with cable and clamps.
- Automatic charging and maintenance in TRONIC mode. COLD function for charging and maintaining batteries at low temperatures.
- SUPPLY: stable voltage supply to protect on-board electronics during battery replacement. Vehicle alternator TEST.
- LCD display for reading settings and charging data.
- Protection against polarity reversal, short circuit, overloads and overheating.

TECHNICAL DATA

CODE	**807943**	CHARGING VOLTAGE	**12 / 24 V**	MAX.RATED REFERENCE CAPAC.	**120 Ah**
SINGLEPHASE MAINS VOLTAGE	**220-240 V**	EFFICIENT CHARGING CURRENT	**9/4,5 A**	DIMENSIONS (LxWxH)	**26 x 17 x 18 cm**
MAINS FREQUENCY	**50 / 60 Hz**	RATED CHAR.CUR.EN60335-2-29	**8/4 A**	WEIGHT	**2,5 kg**
CHARGING ABSORBED POWER	**118 W**	MIN.RATED REFERENCE CAPAC.	**8 Ah**		

DESCRIPTION

Electronic battery charger and maintainer for WET, GEL, AGM, MF, PbCa, EFB, Li batteries at 12V/24V with LCD screen.
Automatic charge and maintenance programmes in Tronic dedicated to the selected battery technology.
Advanced function for charging and maintaining batteries at low temperatures. Tests the vehicle alternator. Provides a continuous and reliable source of power during battery changes. Simplified operation and immediate parameter display thanks to LCD screen.
Features:

- Automatic charge and maintenance in Tronic according to selected battery technology;
- COLD function to charge and maintain batteries at low temperatures;
- Alternator TEST function;
- SUPPLY function to grant stable supply during battery change;
- LCD display;
- Protections against polarity reversal, short circuit, overloads and overheating.

Equipped with cables with clamps.

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CATALOG IMAGE

INSTRUCTION MANUAL

SPARE PARTS LIST

CERTIFICATE

ALASKA 150 START

Datashet 5

ELEMENTS Tronic 12V Wet

Gel MF AGM Pb-Ca

EFB

230V

- Battery charger and maintainer with TRONIC technology for 12V lead batteries for motorbikes, cars, vans, etc.
- Normal CHARGE, BOOST charge, automatic charge and maintenance in TRONIC mode of WET, GEL, AGM, MF, PbCa, EFB.
- CHARGE, TRONIC mode selection. Display of charging current (CHARGE). LED signalling of the charge, charging ended and maintenance (TRONIC).
- Overload and polarity reversal protection.

TECHNICAL DATA

CODE	**807576**	EFFICIENT CHARGING CURRENT	**20 A**	ADJUSTMENT POSITIONS	**2**
SINGLEPHASE MAINS VOLTAGE	**230 V**	RATED CHAR.CUR.EN60335-2-29	**12 A**	DIMENSIONS (LxWxH)	**24,5 x 19,5 x 13 cm**
MAINS FREQUENCY	**50 / 60 Hz**	QUICK CHARGE/START CURRENT	**50 / 100 A**	WEIGHT	**5,9 kg**
CHARGING ABSORBED POWER	**220 W**	MIN.RATED REFERENCE CAPAC.	**10 Ah**		
CHARGING VOLTAGE	**12 V**	MAX.RATED REFERENCE CAPAC.	**200 Ah**		

DESCRIPTION

Battery charger and maintainer with electronic control of the charging current, automatic interruption and restart (TRONIC), for charging lead-acid batteries with 12V voltage of motorcycles,vehicles, vans, light trucks.
Charge options: normal CHARGE, BOOST quick charge, automatic TRONIC charge and maintenance of WET, GEL, AGM, MF, PbCa, EFB batteries.
Features:

- Choice of CHARGE, TRONIC mode;
- Vsualization of charging current (CHARGE);
- Warning LED to indicate battery charge status, end of charge, maintenance (TRONIC);
- Choice of output voltage, charge voltage, start;
- Protection against overloads and polarity reversal.

DOWNLOAD

CATALOG IMAGE

INSTRUCTION MANUAL

CERTIFICATE

USEFUL LINKS

VIDEO

TVR-104 Series (0.5kVA-10kVA) Triac Control Voltage Stabilizer

TVR is one kind of the most popular solid state voltage stabilizers, in which the Triac is used as the tap switcher. Compared to traditional relay or servo motor type voltage stabilizers, it has unique advantages such as no sparkle, double life span, higher output precision, wide input voltage range,etc. TVR can be used for almost all the home & office appliances, especially good for those who require a higher regulating speed.

- Refrigeration equipments: fan, refrigerator, chest freezer, cooler
- Entertainment appliances: TV, DVD, VCR, DVB, HiFi
- IT & Office equipments: PC, workstation, fax machine, photocopier
- Heating systems: gas boiler, circulation pump

General Features

Immediate voltage regulating, response time <50ms.

Zero cross transfer technology, output waveform is more smooth.

Static contactless regulating, no switching sparkle, no mechanical noise.

Independent protection circuit to prevent Triac from mis-trigger.

Protection of over voltage, under voltage, coil over temperature, overload,out of frequency, short circuit, out of frequency.

Double protection circuit to protect appliances (eletromagnetic relay based) in case of triac faulty.

High output precision up to 4%. Audible and visible alarm (buzzer beeping + LED indicators).

Soft start function to avoid home circuit breaker trips off.

Optional manual bypass switch.

Technical Specifications

MODEL	TVR-104-500VA	TVR-104-1000VA	TVR-104-1500VA	TVR-104-2000VA	TVR-104-3000VA	TVR-104-5000VA	TVR-104-8000VA
Rated Power	500VA	1000VA	1500VA	2000VA	3000VA	5000VA	8000VA

Transformer	Toroidal transformer
Material of Cabinet	Plastic front panel + Metal case
Efficiency	>95%
Response Time	<50ms
Input Frequency	45-65Hz
Delay Time	6s / 180s selectable
INPUT VOLTAGE & OUTPUT VOLTAGE	
220V	Option 1: Input 120-280V, Output 220V±5% Option 2: Input 95-260V, Output 220V±8%, and when Input 140-250V, Output 220V ± 4% Option 3: Input 140-250V, Output 220V±4%
230V	Option 1: Input 140-265V, Output 230V±4% Option 2: Input 100-265V, Output 230V±8%
MULTIFUNCTIONAL DISPLAY	
Digital Display	Input voltage, Output voltage
LED Indicators	Green LED: Power on; Yellow LED: Delaying; Red LED: Protecting (output cutoff)
PROTECTIONS	
Over Voltage	Output cutoff + Red LED + Error code "H"
Under Voltage	Output cutoff + Red LED + Error code "L"
Over Temperature for Triac	When temperature of heat sink is >80°C: Output cutoff + Red LED + Error code "C" ; when temperature of heat sink is <60°C, outpu
Over Temperature for Transformer	When temperature of transformer is >120°C: Output cutoff + Red LED + Error code "t"; when temperature of transformer is <100°C, ou
Overload	Once it goes into overload protection status, it will retry to restore output after 3 min, totally it will retry 3 times. Output cutoff + Red LED +
Out of Frequency	Output cutoff + Red LED + Error code "F"
Other Errors	Output cutoff + Red LED + Error code "E"
Short Circuit	Circuit breaker tirps off
Surge/Spike (Optional)	1 x MOV (L-N) or 3 x MOV (L-N, L-E, N-E)
Soft Start	Only available for 3000-10000VA
OTHER OPTIONAL FUNCTIONS	
Bypass	Manual bypass switch (only available for 3000-10000VA)
Cooling Fan for Triac	When temperature of heat sink is >50°C, cooling fan starts to work; when temperature of heat sink is <40°C, cooling fan stop
Coolign Fan for Transformer	**only available for for 8000-10000VA** when temperature of transformer is >60°C, cooling fan starts to work; when temperature of transf cooling fan stops
CERTIFICATIONS	
Certification	CE, CB, SON, SASO, RoHS 2.0
OPERATING CONDITIONS	

Operating Humidity		10%-90%, non-condensing		
PACKING				
Product Size (WxHxD mm)	140x175x250	162x200x267	215x268x307	260x31
Inner Box Size (LxWxH mm)	305x165x220	337x197x238	343x258x300	460x30
Carton Size (LxWxH mm)	345x318x444	605x345x258	531x353x315	480x32
Qty / Carton (pcs)	4	3	2	1

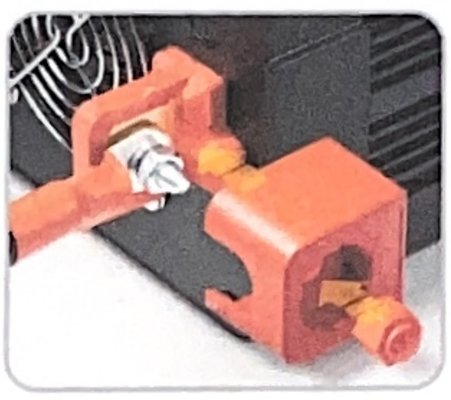
Staba
The power commander

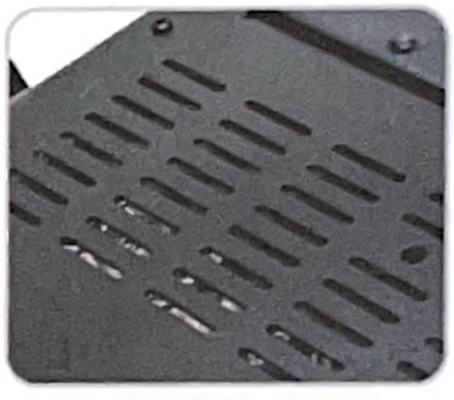
TEL: +86-760-2257 9863
E-MAIL: info@staba.hk
ADD.: No. 87, Dongfu 4th Road, Dongfeng,
Zhongshan City, Guangdong Province, China
P.C.: 528425

TECHNAXX® GERMANY

Wechselrichter 2000W TE22

Zur mobilen Nutzung verschiedener Elektrogeräte über 12V Anschluss





- Wechselrichter DC 12V auf AC 230V
- LC-Display mit Spannungsanzeige
- 2x USB: 1 x USB-A, 1 x USB-C je max. 3A
- 2000W kontinuierliche Ausgangsleistung
- Eingebaute Ventilationskühlung
- 2x 230V Steckdosen
- Überlastungsschutz
- Abschaltautomatik mit Alarm
- Echte Sinuswelle
- Über- & Unterspannungsschutz

- Zur mobilen Nutzung von Elektronikgeräten über 12V Anschluss
- 2x USB-Anschlüsse mit max. 6A (in Summe)
- 2x 230V Steckdosen mit Ein-/Ausschalter
- Wandelt 12V DC-Batterieleistung in Standard 230V AC-Netzspannung um zum Anschluss verschiedenster elektronischer Geräte, wie z.B. Tablets, Smartphones, Laptops, Spielkonsolen, Fernseher, DVD/MP3-Player, Campingzubehör, Navigationssysteme und vieles mehr
- Ausgangsleistung max. 2000W (kontinuierlich) & 4000W (Spitze)
- Automatische Abschaltung zur Absicherung der Autobatterie (Alarm bei ~10,2V & ~15,8V)
- Schutz gegen Überlast & Kurzschluss
- Überhitzungsschutz durch eingebauten Ventilator
- Feste Halterung am Gerät zur sicheren Befestigung

Technische Spezifikationen:

- Eingangsspannung der Batterie DC 12V (10,2V–15,8V)
- Ausgangsspannung: AC 230V / AC Frequenz 50Hz nominal
- Echte Sinuswelle
- Schutzkreis (DC-Überlastung): 6x 40A interne Sicherungen
- Kabellänge 2x 60cm
- Gewicht / Maße: 4.2kg / (L) 36,0 x (B) 26,0 x (H) 11,9cm

Verpackungsinhalt:

Wechselrichter 2000W TE22, Feste Gerätehalterung, 2x 60cm Anschlusskabel, Gebrauchsanleitung

Artikel-Nr. 4912

4 260358 124544

87045 LIMOGES Cedex
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Datasheet 8

Keor SPE Tower 1000VA

3 110 61

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1. GENERAL FEATURES

The Legrand UPS Keor SPE Tower 1000 model is an uninterruptible power source with Line Interactive technology and sinusoidal output. It delivers a rated power of 1000VA – 800W, is managed by a microprocessor, is equipped with integrated self-diagnostics and works on cold-start.
Keor SPE Tower 1000 is internally equipped with valve-regulator, hermetically sealed, lead accumulator batteries to guarantee a minimum uptime of 4 minutes at 80% of the load. The batteries can be easily replaced thanks to a specific door located on the front of the UPS.
The presence of an electronic stabilizer (AVR) inside the UPS provides the connected loads with effective protection against any interference in the electrical mains.
This UPS has 2 x (4 x IEC 320-C13) output sockets and 1-group can be programmable.

Keor SPE Tower 1000 can be connected to a PC through the SNMP, USB and Serial RS232 port allowing you to monitor its operation, thanks to the free software, and carry out an emergency shutdown of Windows and Linux operating systems.

Through the 5-button control panel, the LCD screen and 3 status LED Bar:
- GREEN: Everything is OK on UPS. Load is protected.
- YELLOW: The load is supplied by UPS, but an alarm is active, control is required.
- RED: The load is not supplied by UPS. Emergency exists.

LCD display:
- Operation Mode
- Measurements
  a) Input & Output Voltage-Frequency
  b) Active & Apparent Power
  c) Load Percentage
  d) Battery Voltage
  e) Battery Percentage
  f) Back-up time
  g) Environment Temperature
- Alarms & Errors

The Keor SPE Tower 1000 Static Uninterruptible Power Supply bears the CE marking, pursuant to Directives 2014/35 e 2014/30, and is designed and built in compliance with the following standards:
- EN 62040-1 "General and safety requirements for UPSs used in areas that are accessible to the operator"
- EN 62040-2 "Electromagnetic Compatibility requirements (EMC)"
- EN 62040-3 "Performance and test method requirements".

*The calculation of materials from the circular economy was done according to the new standard CEI/TR 62635

**This value is based on data collected from a technological channel operating on an industrial basis. It does not pre-validate the effective use of this channel for end-of-life of this product.

2. TECHNICAL FEATURES

General Features	
Nominal power (VA)	1000
Active power (W)	800
Technology	Line-interactive VI
Waveform	Sinusoidal

Input	
Input voltage	input@AC mode: 1.18*Vin@AVR boost; 0.85*Vin@AVR buck; 230Vac±10%@Battery mode
Input frequency	47-63Hz (50/60Hz auto-sensing)
Input Voltage Range	Nominal: 230 / Range: 175 - 288 @ full load
Input Connection	10A IEC 320-C14

Output	
Output voltage	230, adjustable to 200/208(output capacity derating to 90%)/220/230/240
Output frequency (nominal)	50 or 60Hz +/- 0,5 %
THD Output voltage	< 3% with linear load
Outlets	2 x (4 x IEC 320-C13) (1-group programmable)

Batteries	
Number of batteries	2pcs VRLA (Front-access, hot swappable)
Battery series Type/Voltage	12V, 9Ah
Charging Time (0-90%)	6-8 hours

Communication and Management	
Display and Signals	Four buttons and four LEDs to monitor the status of the UPS in real time
Remote Management	SNMP (independent) and RS232/USB (use same channel)
EPO	EPO (adjustable as NC/NO and as Remote ON/OFF via LCD
Dry Contact (NO)	2 pcs: Relay 1: Input failure Relay 2: Battery low
Protections	Overloads, short-circuit, back-feed,overtemperature

Environmental Conditions	
Operating temperature (°C)	0 ÷ 40°C
Relative humidity (%)	0÷95 % non-condensing
Noise level at 1 m (dBA)	< 45
Estimated content of circular economy derived materials*	
- Product alone	10%
- Packaging only	47%
- Total recyclability value of the product	15%
Recyclability rate calculated using the method described in technical report IEC/TR 62635**	**77%**

Certifications	
Standards	EN62040-1, EN62040-2, EN62040-3

Mechanical Features	
Measurements H x W x L (mm)	238x170x325
Net Weight (kg)	14,5

Datashet 9

SVEN VR-A1000

Relay automatic voltage regulator, 600 W, socket

Short product description:

- Single-phase relay-type stabilizer
- Microprocessor control
- Metal body
- LED indication of operating modes

All features

FEATURES	SPECIFICATIONS	SUPPORT

AVR type	relay
Total power, VA	≤1000
Maximum load, W	≤600
Input voltage, V	~140-275 (± 3%)
Output voltage, V	~230 (-14/+10%)
Input frequency, Hz	50
Output frequency, Hz	50
Output sockets	1 × CEE7/4
Protection	high/low voltage, short circuit; overload, high-frequency interference, built-in thermal protection
Protection operating current, A	7
Typical switching time, ms	≤ 10
Indicators	Delaying / protection, Working, Regulating
Fuse	bimetallic circuit breaker
Input plug	1 × CEE7/7
Environmental temperature, °C	0 to +40
Relative humidity, %	10 ~ 90 (without condensation)
Cable length, m	1.3
Case material	metal
Dimensions (W × H × D), mm	220 × 118 × 140
Weight, kg	2.6

Стабилизатор напряжения релейный RESANTA ACH-2000/1-Ц

Код: R6364

Кредит 0% Datashet 10

Основные характеристики

Мощность	2000 вт
Тип	Релейный
Три фазы	Нет
Входное напряжение	140-260 В
Выходное напряжение	220 В
Количество розеток	1 шт.
Установка	Напольный

Все характеристики ›

Описание **Характеристики**

Технические параметры

Тип	Релейный
Мощность	2000 вт
Входное напряжение	140-260 В
Выходное напряжение	220 В
Количество розеток	1 шт.
Охлаждение	Пасивное
Частота электрического тока	50 гц
Время отклика	0.015 сек
Рабочая температура	-10–+40 °C
Установка	Напольный
Функция Байпас	Нет
КПД	97 %

Дополнительный функционал

Три фазы	Нет
ЖК-дисплей	Да
Класс защиты	IP20
Вилка	Да

Общие параметры

Бренд	RESANTA
Габариты	240x140x195 мм
Вес	5 kg
Гарантия	12 мес.