OTHER HIGH QUALITY PRODUCTS FROM

JUICE | GOOSE

JG SERIES – Rack mountable power distribution in a 19" configuration. Seven models to choose from. Feature options include incandescent or LED rack lighting and voltage meter. The JG11-20A has a 20 amp capacity, 2 unswitched outlets and a 15 foot power cord. All units contain a basic level of power conditioning.

PD SERIES – Custom configured power strips with up to 12 circuits per unit. The PD1A, PD1B and PD3 offer various options regarding size, number and arrangement of circuits, length and location of wire harness and mounting configuration. Select exact configuration with a features menu.

CQ SERIES – Power sequencing and remote control products. No master controller is required. Very flexible, economical and easy to install. Models include rack mount, in-wall, four circuit and 30 amp designs. Optional remote controls include key or rotary switch.

UPS MODELS – When protection against power outage is needed, Juice Goose is a source for 8 models of UPS products, rack or tower mount, line interactive or on line. Call or email for any specification or application assistance.

JUICE | GOOSE

RP100-15A & RP100-20A

Power monitoring, surge protection and distribution

OWNERS MANUAL

Houston, Texas
p: 713.772.1404
info@juicegoose.com
www.juicegoose.com

Jun 2018

REPAIR

Should your RACKPOWER need service contact Juice Goose for assistance and authorization to return the unit. **Please Note**: a return authorization number is required in order for the service personnel to correctly and promptly identify, repair and return your unit. You may obtain a Return Authorization Number by calling: 713-772-1404 or sending email to info@juicegoose.com.

WARRANTY

Whitenton Industries, Inc, dba JUICE GOOSE, warrants as the only warranty that products shall display freedom from defects in materials and workmanship when operated under normal use and service subject to the “Limitations and Conditions” listed below, for THREE YEARS from the original purchase date of the unit. This date shall be the date on which the unit was purchased from a commercial retail business. If during this warranty period a defect should occur, the product may be repaired or replaced at the option of JUICE GOOSE. This warranty is transferable to a repurchaser for the period stated above. The warranty holder shall pay the cost of returning the unit to JUICE GOOSE or its designated repair location. JUICE GOOSE shall pay the cost of returning the unit to the warranty holder by normal ground parcel delivery.

Limitations and Conditions: The above warranty applies to all products of JUICE GOOSE and all components thereof with the exception of model JG Junior and any circuit board mounted electronic components which shall be warranted for ONE YEAR from the purchase date of the unit.

Even though JUICE GOOSE has tested each product, under no circumstances shall JUICE GOOSE, or anyone else involved in the creation, production and distribution of these products be liable for any damages, including any lost profits, lost savings or other direct, indirect, special, incidental or consequential charges even if JUICE GOOSE or an authorized JUICE GOOSE dealer has been advised of the possibility of such damage, or any claim or claims by other parties. In particular, JUICE GOOSE shall have no liability for any programs or data stored in equipment powered by JUICE GOOSE products nor liability for lost revenues related directly or indirectly to the operation of JUICE GOOSE products.

The warranty and remedies set forth above are exclusive and in lieu of all others, oral or written, expressed or implied. No JUICE GOOSE dealer, agent or employee is authorized to make modification, extension or addition to this warranty.

REAR PANEL

AC Outlets – The nine outlets (NEMA 5-15R) on the 15A model are rated for current loads up to 15 amps at 120 volts. The 20A model has 8 NEMA 5-15R and 1 NEMA 5-20R which is rated for a current load of 20A at 120volts. The outlets are rotated and spaced to accommodate plugging in AC power adapters (a.k.a. “wall warts”).

USB Power Port - The USB connector on the back of the chassis provides 5 volts of DC current for use powering a plug-in LED light or for charging an electronic device such as an MP3 player or cell phone. This port is specially designed to charge iPhones and most other smart phone models. (A USB Port is also located on the front of the chassis.)

TROUBLESHOOTING

The RACKPOWER is ruggedly designed and constructed from high quality components to give years of dependable power for your equipment. It requires neither maintenance nor adjustment. It is unlikely to malfunction.

The RACKPOWER will not come on or turns itself off.

a. Check the status of the power supplied to the unit. Be sure AC utility power is available at the location where the unit is plugged in.

b. Check that the circuit breaker is not tripped. If the current load on the unit exceeds 15 amps (or 20 amps on the 20A model) the combination power switch and circuit breaker onto the front of the RACKPOWER will prevent power from passing through the unit. If that happens, remove sufficient current load to reduce the total to no more than 15 amps (or 20 amps on the 20A model) , wait approximately 30 seconds after the tripping and place the switch in the up, “on” position.

If an observed problem can not be remedied, particularly if the problem seems severe or dangerous, discontinue use of, unplug the RACKPOWER unit and contact Juice Goose directly.

The Surge Protection OK LED is not lit.
(See the “Front Panel” section of this manual.) This could indicate one or more of the surge protection components in the RACKPOWER are damaged. While it is possible some level of protection continues, that protection would be below product specification. In that case, the RSP surge protection module can be replaced. This is a safe and easy process which should be performed by a qualified technician according to instructions provided by Juice Goose. Replacement RSP modules are available from Juice Goose at a nominal price. Contact Juice Goose (info@juicegoose.com or 713-772-1404) for more information.

FEATURES SUMMARY

- Digital LED meter to monitor volts and amps
- USB power ports on the front and back
- Ten AC receptacles designed to accommodate wall warts
- Tour Class (tm) chassis with reinforced mounting brackets
- Replaceable surge protection circuit

SAFETY PRECAUTIONS

The RP100 (“RACKPOWER”) series are designed to operate with 120VAC, 60 Hz. Operation with 220 or 240 volts will cause damage and possibly personal injury.

CAUTIONS

1. The RACKPOWER must be grounded to operate. Defeating the unit’s grounding capability could create a hazard.
2. There are no user serviceable parts inside the RACK POWER. Do not attempt service yourself. Contact Juice Goose as directed in this manual if service is required.
3. Do not expose the RACKPOWER to moisture. Avoid severe physical impacts to the unit.

DISCLAIMER

Juice Goose shall under no circumstances be held responsible for any loss, damage or injury resulting from the use of the RACKPOWER in a manner inconsistent with any of the procedures outlined in this document. The user is responsible for determining whether this product is appropriate for the intended application.

Juice Goose is not responsible for any indirect, secondary or ancillary loss or damage, including personal injury, loss of or damage to property or loss of income resulting from the operation or failure of this unit.

SPECIFICATIONS

DIMENSIONS (H x W x D Inches).....1.72 x 19.00 x 7.00
CHASSIS DESIGN.....Tour Class (TM) Unibody
WEIGHT (LBS).....11

CURRENT CAPACITY
RP100-15A.....15 Amps
RP100-20A.....20 Amps
VOLTAGE INPUT.....120 VAC, 60Hz

USB PORTS.....5 VDC @ 500mA

POWER OUTLETS
Fifteen Amp Units.....10 NEMA 5-15R
Twenty Amp Units.....8 NEMA 5-15R, 2 NEMA 5-20R
POWER CORD
Fifteen Amp Units.....7 Foot, 14/3 SJT with NEMA 5-15P
Twenty Amp Units.....7 Foot, 12/3 SJT with NEMA 5-20P

POWER METER
Voltage.....0 to 240 VAC to nearest tenth
Amperage.....0.40 to 25.0 to nearest tenth

TRANSIENT ENERGY ABSORBTION.....300 joules
PEAK SURGE CURRENT (Line, Neutral & Ground).....30,000 amps / mode

FRONT PANEL

Combination On/Off Switch and Circuit Breaker – The rocker switch located on the right side of the chassis is a dual function component. It is normally used to manually turn the RACKPOWER on and off. In the event of a prolonged current load in excess of fifteen amps (twenty amps on the 20A models) the circuit breaker will trip to shut off power. (See the Troubleshooting section of this manual.)
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AC Power Meter - The dual function, digital meter uses red LEDs to report power line voltage and the current load being drawn from the RACKPOWER. A push button to the left of the meter toggles the meter display between voltage and amperage. Voltage metering is displayed to the nearest one tenth volt. Amperage is displayed to the nearest one tenth amp through a range from 0.4 amps to 25.0 amps. The display will flash as a warning when voltage is greater than 139VAC or amperage is greater than 13.9A (18.9A for the 20A model) are reached.

USB Power Port - The USB connector on the front of the chassis provides 5 volts of DC current for use powering a plug-in LED light or for charging an electronic device such as an MP3 player or cell phone. This port is specially designed to charge iPhones and most other smart phone models. (A USB Port is also located on the back of the chassis.)

AC Receptacle - The AC receptacle on the left of the chassis is powered whenever the RACKPOWER is plugged into a live AC power source. It is rated at 15 amps or 20 amps and provides all the AC power protection of the RACKPOWER.

Surge Protection OK - The RACKPOWER 100 features a replaceable surge protection (RSP) module that includes three surge protection components (MOVs). The white LED on the front panel is connected to the primary MOV and is lit to indicate the surge protection components are undamaged and functioning. In the event of MOV damage due to AC power line fault or due to excessive wear over an extended period, that LED will no longer be lit, indicating surge protection may no longer be working. Note: It is possible, but unlikely, the two secondary MOVs are no longer protecting but the primary one is. In that case, the RSP surge protector is still working, but with a lower capacity to sustain power line surges. It is also possible that the primary MOV is no longer functioning, causing the protection LED to go out while the two secondary MOVs are still working. In either case, it is advisable to replace the RSP. (See the Trouble Shooting section of this manual.)