

核达中远通艾默生瑞谷GIE4805S

产品名称	核达中远通艾默生瑞谷GIE4805S
公司名称	山东格伦德电源科技有限公司
价格	666.00/台
规格参数	核达中远通:GIE4805S 瑞谷:GIE4805S 艾默生:GIE4805S
公司地址	山东省济南市历城区山大北路19号幢1302室58号
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产品详情

核达中远通艾默生瑞谷GIE4805S电气设备特点：GIE4805S,核达中远通,瑞谷,艾默生

??????150V-280VAC

??????5A?Max?

??47 ~ 63HZ

????81%?Typical????

?????0.99?Typical?

?????1?

??600W(Max)

????52~-59VDC

?????10A

?????

??1 15A(Fuse)

??2 15A(Fuse)

????15A(Fuse)

???-????200mV(BW.20MHZ)

????±1% Vout

??±5%?50%-100%??

????????GIE4805S????

1?GIE4805S????????????????0.99?

2????????????90?290V?

3?GIE4805S????????????92????

4????????????(LVLD+LVBD)????????????????????????????????????

5?GIE4805S????????????????1min?

6?GIE4805S????????????RS485????????????????????

7????????????????

8????????????

9????????????3U????

10??YD/T983?

GIE4805S???

???????

???

????

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???????

???????

GIE4805S?????

????????220V

????????90??290V

????????45??66HZ

?????? 0.99

??>91%

????

?????48V

????42~58V

?????

0-10A

????10A*2????

????2????

?????

?????RM4805

????VST-C

GIE4805S????

??44.5mm(?)x482.6mm??x240mm(?)

????12kg(?????)

?????EPS??

48V?????

????-40+70?

????95% ??

GIE4805S????

??-?? 3000Vac/10mA/1min ??????

??-?? 2500Vac/10mA/1min ??????

??-?? 500Vac/10mA/1min ??????

????GIE4805S????

??43.6*482.6*321.6mm(H*W*D)

??< 6.25kg

??????

????IP20

安装标准19 机架

政府重点单位、大型商场及重要写字楼和人流流动量较大场所；
高级酒店、饭店、车站做分布覆盖，时常遇到业主装修、维护时断电现象；
因电压不稳而导致设备的不稳定工作，致使信号强度降低；
铁路、公路沿线及类似农场等孤立自然界环境，市电引入困难； 电力部门申请周期长等等。

针对以上这些情况，邦讯技术股份有限公司着重为运营商网络覆盖所考虑；及时研发出一种自适应通信产品直远程供电系统。作为新一代智能移动通信覆盖的延深性产品，实现无线信号时时在线，树立网络品牌形象。该产品可广泛应用于2G&3G室内、外小型基站、野外孤立直放站及重点小区综合布线、主干RRU、WLAN等通信网络设备提供不间断电源，具有降低投入成本，简化施工难度，提高维护效率等优点。工作原理：引用机房直流-48V电源，由近端电源滤波、整流、振荡、升压、隔离处理后，成为悬浮直流高压，通过复合光缆传输至远端机，再由内部功率模块检波电路、监控保护、扩流、滤波后，输出稳定悬浮的直流电压，为通信设备提供不间断电源。产品特点： 输入过欠压告警保护：机房输入电压超过规定38~65V电压时，局端设备停止输出，保证局端设备的安全可靠性或防止电池组放电过量，并保证了电池组的安全使用，同时输出告警信号。 输出过压告警及保护：局端设备输出电压高于额定电压值时，保护电路停止输出，保护直放站及供电设备。 过载告警及保护：经过传输电缆的电流大于额定值时，局端设备保护电路停止输出电压，以防止电缆线过热或损坏，保证了传输电缆的安全性，同时记录告警信息。 短路保护功能：当远端用电设备或传输线路发生短路时，相应的远供电源近端模块及远端设备即停止输出，保证了用电设备或传输线路的安全性，监控终端输出告警信息。 过温保护功能：近、远端供电模块工作温度超过额定值时，电源会自动停止输出电压，保护设备，同时输出告警信号及记录告警信息。

电力线搭接保护：传输线路上有电力线搭接时，远程供电模块即停止输出，同时输出告警信号。 对地悬浮供电：局端设备输出端对大地无回路，当人体碰触到电源正极或负极时，由于无法形成回路，所以不会对人体造成危害。

线 - 线漏电流保护：当远供电源的输出线路之间发生漏电时，设备停止输出，同时输出告警信号。

防雷保护：具有电信设备相应要求的防雷功能。

故障隔离：点对多点的应用情况时，其中一套设备有故障时，不会影响到另一套设备的正常运行。 故障报警：上述保护动作的同时，局端面板采用不同颜色的指示灯，指示相应故障类型，故障信息上传给

监控设备。应用场景： 通信设备远程供电及电源双备份；

铁路、公路、隧道及山路等狭长区域的覆盖设备供电； 太阳能、风能供电的替换；

常规后备电源及UPS供电的替换； 电力部门用电协调有难度时应用；

用电设备场地有局限性时应用； 小区或室内覆盖时多设备点时应用；

用电设备所在地总有一定因素干扰用电，以至于电压不稳时。

Electrical characteristics of nuclear COSCO gie4805s:

Input voltage 150v-280vac

Input current 5A (max)

Frequency 47 ~ 63Hz

Efficiency 81% (typical)

Power factor 0.99 (typical)

Battery pack 1

Output power 600W (max)

Output voltage 52 ~ - 59vdc

Output current 10A

DC shunt

Branch 1 15A (fuse)

Branch 2 15A (fuse)

Battery 15A (fuse)

Noise peak peak value 200mV (bw.20mhz)

Total adjustment rate $\pm 1\% V_{out}$

Current sharing $< \pm 5\%$ (50% - 100% shunt)

Technical description of gie4805s:

1. Gie4805s adopts active power factor compensation technology, and the power factor value reaches 0.99.
2. The normal working range of AC input voltage is 90-290v.
3. The gie4805s adopts full bridge soft switch technology, with the highest efficiency of over 92%.
4. Perfect battery management. With the functions of low voltage protection (LVLD + lvbd) and secondary power down, it can realize temperature compensation, automatic floating charge control, automatic voltage regulation, battery capacity calculation, online battery test and other functions.
5. The gie4805s adopts non-destructive hot plug technology, plug and play, and the replacement time is less than 1min.
6. Gie4805s network design, provides a variety of communication interfaces (such as RS485, dry contact), flexible networking, real limit local and remote monitoring, unattended.
7. Perfect AC and DC side lightning protection design, suitable for multi thunderstorm area.
8. Complete fault protection and alarm functions.
9. Full front operation and maintenance, can be installed against the wall, effectively saving 3U communication power space.

10 ultra low radiation. With advanced EMC design, the rectifier module of communication power supply can meet the electromagnetic compatibility limits and measurement methods of communication power supply equipment (communication industry standard of the people ' s Republic of China YD / t983)

Gie4805s application:

Small SPC exchange

Access network

transmission equipment

mobile communication

Satellite communication ground station

Microwave communication power supply

Gie4805s AC input:

Rated input voltage: 220V

AC input range: 90-290v

AC input frequency: 45-66hz

Power factor: 0.99

Power: > 91%

DC output:

Rated input voltage: 48V

Voltage range: 42 ~ 58V

Rated output current:

0-10A

Load shunt: 10A * 2 (customizable)

Battery shunt: 2 battery outputs

Wiring mode: front wiring

Communication power rectifier module: rm4805

Monitoring module: vst-c

Mechanical properties of gie4805s:

Size: 44.5mm (H) × 482.6MM (W) × 240mm (d)

Weight: 12kg (including communication power rectifier module)

In addition, our company can also produce outdoor communication EPS system.

48V combined switching power system environment:

Working temperature: - 40 - + 70

Humidity: 95% non condensing

Safety characteristics of gie4805s:

Input - case 3000VAC / 10mA / 1min, no flashover, no breakdown

Input output 2500vac / 10mA / 1min no flashover, no breakdown

Output - case 500VAC / 10mA / 1min, no flashover, no breakdown

Mechanical parameters of nuclear COSCO gie4805s:

Size 43.6 * 482.6 * 321.6mm (h * w * d)

Weight < 6.25kg

Cooling forced air cooling

Enclosure protection IP20

Install standard 19 "rack

Government key units, large shopping malls, important office buildings and places with large flow of people;

High class hotels, hotels and stations are covered by distribution, and the power is often cut off when the owners decorate and maintain them;

The unstable operation of the equipment caused by the unstable voltage reduces the signal strength;

The isolated natural environment along the railway, highway and similar farms makes the introduction of municipal power difficult;

Long application period of power sector, etc.

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Emerson gie4805s Emerson gie4805s Emerson gie4805s

In view of the above situations, bangxun Technology Co., Ltd. focuses on the consideration of network coverage of

operators and develops an adaptive communication product DC remote power supply system in time. As a new generation of intelligent mobile communication coverage extension products, wireless signals are always on-line to establish a network brand image.

The product can be widely used in 2G & 3G indoor and outdoor small base stations, field isolated repeater stations and key residential areas integrated wiring, trunk RRU, WLAN and other communication network equipment to provide uninterruptible power supply, with the advantages of reducing investment cost, simplifying construction difficulty, improving maintenance efficiency, etc.

working principle:

The dc-48v power supply in the machine room is quoted, which becomes the suspended DC high voltage after being filtered, rectified, vibrated, boosted and isolated by the near-end power supply. It is transmitted to the far-end machine through the composite optical cable, and then the stable suspended DC voltage is output after the internal power module detection circuit, monitoring protection, current expansion and filtering, so as to provide the uninterrupted power supply for the communication equipment.

Product features:

Input overvoltage and undervoltage alarm protection: when the input voltage of the machine room exceeds the specified voltage of 38-65v, the equipment at the local end stops outputting, so as to ensure the safety and reliability of the equipment at the local end or prevent the excessive discharge of the battery pack, ensure the safe use of the battery pack, and output the alarm signal at the same time.

Output overvoltage alarm and protection: when the output voltage of local equipment is higher than the rated voltage, the protection circuit stops output and protects the repeater and power supply equipment.

Overload alarm and protection: when the current passing through the transmission cable is greater than the rated value, the equipment protection circuit at the local end stops the output voltage to prevent the cable from overheating or damage, ensure the safety of the transmission cable, and record the alarm information at the same time.

Short circuit protection function: when the remote electric equipment or transmission line is short circuited, the corresponding remote power supply near end module and remote equipment stop output, ensuring the safety of the electric equipment or transmission line, and monitoring the terminal output alarm information.

Over temperature protection function: when the working temperature of near and far power supply modules exceeds the rated value, the power supply will stop automatically核达中远通GIE4805S