

True or False

ATS Dual Power Automatic Transfer Switch can achieve the switching of two-way powers fast loading machine.

- A. True
- B. False

Answer: A

For batteries connection, first connect single battery in series, then battery strings need to be connected in parallel ().

- A. True
- B. False

Answer: A

In evaporator, liquid refrigerant absorb heat, then transfer into gas. In this way, the evaporator can reduce indoor temperature ().

- A. True
- B. False

Answer: A

Compressor is the core of refrigerating cycle, which turns the low-temperature low-pressure gas refrigerant to high-temperature high-pressure gas refrigerant ().

- A. True
- B. False

Answer: A

The basic principle of infrared humidifier: boils water and then generates steam ().

- A. TRUE
- B. FALSE

Answer: B

NetEco can't monitor data centers in different places at the same time ().

- A. TRUE
- B. FALSE

Answer: B

NetEco can connect to the northbound network management system ().

- A. TRUE
- B. FALSE

Answer: A

In the DCIM, alarms have different severities ().

- A. True
- B. False

Answer: A

Valve-regulated lead-acid batteries in English abbreviation is VRLA.

- A. True
- B. False

Answer: A

In low voltage distribution system, PE wire is used to provide a current return path for leakage current ().

- A. True
- B. False

Answer: A

In low-voltage power distribution systems, the role of the PE line is to provide a return path for the full current in the event of a power system failure.

- A. True
- B. False

Answer: A

TN-S low-voltage distribution system in the three-phase unbalanced current, so that the protection line PE generate voltage to ground.

- A. True
- B. False

Answer: B

High sensible heat ratio is the only difference between a precision air conditioner and a residential air conditioner.

- A. True
- B. False

Answer: B

Compressor is the heart of the refrigeration cycle is the power plant of the refrigerant in the system inner loop, the low temperature and low pressure steam from the evaporator is compressed into high temperature and pressure steam

A. True

B. False

Answer: A

When using the PoE (Power over Ethernet) interface, there are two functions of passing and supplying power

A. True

B. False

Answer: A

In the access control management of NetEco, the time of opening the door can't be set ().

A. TRUE

B. FALSE

Answer: B

Access control system can only set whether the user can open the door, can not be set when to open the door.

A. TRUE

B. FALSE

Answer: B

Huawei NetEco monitoring system does not support remote door open.

A. True

B. False

Answer: B

The basic principle of the infrared humidifier is that the far infrared heats the water to boiling to generate steam

A. True

B. False

Answer: B

Huawei NetEco monitoring system supports hierarchical network management functions.

A. True

B. False

Answer: A

Water-cooling/ethylene glycol air-conditioning refrigerant at the factory has been filled well on-site installation convenient and quick.

A. TRUE

B. FALSE

Answer: A

Sensible heat ratio = sensible heat/total heat = sensible heat/(sensible heat + Latent heat)

A. TRUE

B. FALSE

Answer: A

Battery slot of lead-acid battery is used to hold the electrolyte; plates; partitions; and so on.

A. True

B. False

Answer: A

Ascending workers should be equipped with the seat belts which is necessary and meted the safety requirements, and use properly and reasonably according to the use of the provisions, meanwhile, should have guardian's guardianship.

A. True

B. False

Answer: A

Huawei NetEco monitoring system supports video real-time browsing.

A. True

B. False

Answer: A

In air conditioning systems, the role of the oil separator is to separate the lubricant from the compressor discharge and return the separated lubricant to the compressor.

A. TRUE

B. FALSE

Answer: A

pPUE (Partial PUE) is an extension of the data center PUE, used to evaluate and analyzing the energy efficiency of a data center's local area or equipment.

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- A. TRUE
 - B. FALSE
- Answer: A

For data centers, the lower PUE value, the worse energy savings ().

- A. TRUE
 - B. FALSE
- Answer: B

For the same WICB circuit breaker, the rated ultimate short-circuit breaking capacity Icu is generally less than the rated operating short-circuits breaking capacity Ics.

- A. TRUE
 - B. FALSE
- Answer: B

The principle of the condenser is to cool and release the high-pressure gaseous refrigerant to the liquid state to realize the heat transfer and release.

- A. True
 - B. False
- Answer: A

The principle of evaporator is to convert refrigerant from liquid to gas, take away the heat of the object to be refrigerated, to achieve refrigeration.

- A. True
 - B. False
- Answer: A

Protective grounding: grounding refers to the direct connection with the earth, electrical installations or electrical parts of the live part of a point connected with the earth, electrical installations or other devices are not charged part of the normal point of the earth and man-made connection

- A True
 - B False
- Answer: A

Huawei NetEco monitoring system must not support the monitoring of third-party devices.

- A. True
 - B. False
- Answer: B

Huawei NetEco supports the concept of user groups to implement role-liable user group management. User group means a group of users with the same operating rights and different user groups have different permissions.

- A. True
 - B. False
- Answer: A

Administrators can not control the login time and login IP address of other users through Huawei NetEco.

- A. True
 - B. False
- Answer: B

The dynamic environment monitoring system focuses on data center infrastructure management and supports the monitoring of power supply and distribution equipment, refrigeration equipment, environmental equipment and security equipment in the data center.

- A. True
 - B. False
- Answer: A

CLF (Cooling Load Factor) is defined as the data center cooling equipment power consumption and IT equipment power ratio.

- A. True
 - B. False
- Answer: A

The function of the fire protection system is automatically capture the smoke or heat when a fire occurs in the fire detection area thereby giving an audible and visual alarm and controlling automatic fire extinguishing.

- A. True
 - B. False
- Answer: A

Under the same load conditions, the backup time of the UPS is mainly determined by the battery capacity and the number of battery sections. The larger the battery capacity is, the longer the backup time is.

A. True
 B. False
 Answer: A

Huawei monitoring system NetEco only can access to the equipment supported SNMP protocol.

A. True
 B. False
 Answer: B

R410a refrigerant in the moment of spray out, can frostbite human skin and deeper muscles in a very short period of time and cause frostbited dermal necrosis.

A. TRUE
 B. FALSE
 Answer: A

UPS can clean electricity input, output stable exchange, to protect the load.

A. True
 B. False
 Answer: A

Alarms of the dynamic environment monitoring system usually have different levels.

A. True
 B. False
 Answer: A

Dynamic environment monitoring system only has secondary architecture.

A. True
 B. False
 Answer: B

Air energy efficiency ratio is the ratio of effective input power and cooling capacity, its value will be shown as WAN.

A True
 B False
 Answer: B

The humidifier that Huawei row-level precision air conditioner uses is the infrared humidifier.

A. True
 B. False
 Answer: B

In dynamic environment monitoring system, checking alarm detailed information can help to locate the alarm source.

A. True
 B. False
 Answer: A

Data center usually uses the gas fire system.

A. True
 B. False
 Answer: A

Cooling coil controls the indoor temperature and humidity via a heat exchange with refrigerant and indoor air.

A. True
 B. False
 Answer: B

The basic principle of runner dehumidifier is that the water vapor runs into cooling copper tube fins forming water droplets and dehumidification.

A. True
 B. False
 Answer: B

UPS common system configuration are N system, N + X system and 2N system.

A. True
 B. False
 Answer: A

The smaller the RUE value of a data center room: the greater the power consumed by the data center infrastructure such as cooling and power supply.

A. True
 B. False
 Answer: B

Huawei's monitoring system NetEco can only manage the infrastructure of a single data center and can not centrally manage multiple data center infrastructures managed by different regions

- A. True
- B. False

Answer: B

RS435 interface only supports two-wire system, does not support four-wire system.

- A. True
- B. False

Answer: B

Huawei NetEco can not provide SNMP (Simple Network Management Protocol) to third-party NMSs.

- A. True
- B. False

Answer: B

R410a refrigerant can cause greenhouse effect and destroy ozone layer.

- A. True
- B. False

Answer: B

The PLF (Power Load Factor) is defined as the ratio of the data center power consumption of the power distribution system to the power consumption of the IT equipment.

- A. True
- B. False

Answer: A

Dynamic environment monitoring system can be deployed in medium and large modular data center, small modular data center, container data center

- A. True
- B. False

Answer: A

UPS front-end input can be two-way mains, a master and a backup. Also could be all the way electricity, all the way to the oil machine input.

- A. True
- B. False

Answer: A

ACB circuit breakers are mainly used for IT load front-end, such as UPS output cabinet.

- A. True
- B. False

Answer: B

ACB is installed at the frontend of the low voltage distribution system, for example, near the transformer ().

- A. TRUE
- B. FALSE

Answer: A

ACB circuit breaker actual work can reach several thousands of amps, at the same time require high breaking capacity, thermal stability.

- A. TRUE
- B. FALSE

Answer: A

In a data center use fire water and foam extinguishing system will not cause damage to communications equipment

- A. True
- B. False

Answer: B

Leakage current protection device is based on the current exceeds the specified value for a period of time with its own heat to melt the melt so that the circuit is disconnected.

- A. True
- B. False

Answer: B

Lead batteries are generally connected in series after the first parallel connection.

- A. True
- B. False

Answer: A

Generally there are two kinds for VAV ventilation, one is through the adjustable air valve, the other is a dedicated ventilation floor plus adjustable fan composition.

- A. True
- B. False

Answer: A

The three-phase unbalanced current in the TN-S low-voltage power distribution system makes the N wire generate voltage to the ground.

- A. True
- B. False

Answer: A

The main features of MCB circuit breakers include shutoff protection and overload protection.

- A. True
- B. False

Answer: A

Huawei row-level precision air conditioner humidifier is the infrared humidifier.

- A. TRUE
- B. FALSE

Answer: B

In the process of battery, battery can be direct sunshine, and don't have to do any sunshade measures.

- A. TRUE
- B. FALSE

Answer: B

Environmental refrigerant R410a refrigeration performance better than non-environmental refrigerant R22.

- A. TRUE
- B. FALSE

Answer: B

Insulation protection needs to be used in the channel between battery racks ().

- A. TRUE
- B. FALSE

Answer: A

In the battery installation process; the use of high-voltage battery maintenance channel should be insulated.

- A. TRUE
- B. FALSE

Answer: A

RER (Renewable Energy Ratio) is used to measure data center using Renewable Energy, so as to promote the solar Energy wind Energy, hydropower and other Renewable, no carbon emissions or little Energy utilization of carbon emissions.

- A. TRUE
- B. FALSE

Answer: A

In the low-voltage distribution system, the role of the N line is used to exchange working current backflow.

- A. TRUE
- B. FALSE

Answer: A

When AC power equipment are introduced in by using three-phase four-wire system, in addition to the zero line on the near side of the power transformer grounding, electrical equipment and the engine room should be near the ground repeatedly.

- A. TRUE
- B. FALSE

Answer: A

In Main Inverter mode, the UPS will switch from Main Inverter mode to Static Bypass mode when mains input voltage and frequency exceed the allowable range of the UPS

- A. TRUE
- B. FALSE

Answer: B

12V battery consists of 6 2V battery cells.

- A. TRUE
- B. FALSE

Answer: A

Gas fire protection systems are fire extinguishing systems that inject gas (including steam, aerosol) as a fire extinguishing medium.

- A. TRUE
- B. FALSE

Answer: A

Cryogenic components improve the continuous low pressure caused by low temperature start-up, thus allowing the air conditioner to start up normally.

- A. TRUE
- B. FALSE

Answer: A

When the sunroof actuator senses a smoke alarm; it can not control the flip sunroof to open automatically.

- A. TRUE
- B. FALSE

Answer: B

In normal mode, when the UPS is overloaded, it will switch from normal mode to battery mode ()

- A. TRUE
- B. FALSE

Answer: B

In the main inverter mode, the inverter will change from main inverter to battery inverter mode when overloaded.

- A. TRUE
- B. FALSE

Answer: B

The main monitoring objects of data center room monitoring system are power systems, environmental systems; fire protection systems etc.

- A. TRUE
- B. FALSE

Answer: A

When using PoE (Power over Ethernet) interface; it has two functions: communication and power supply.

- A. TRUE
- B. FALSE

Answer: A

The role of Huawei chilled water air conditioner chassis power supply is to provide a stable fan power supply.

- A. TRUE
- B. FALSE

Answer: A

Fuses can protect the personal safety in case of the equipment earth leakage

- A. TRUE
- B. FALSE

Answer: B

The condensed water of air conditioning is air after cooler cooling; formed by the condenser.

- A. TRUE
- B. FALSE

Answer: A

The STS Static Transfer Switch enables switching between different input power supply and provides dual power supply for single power load.

- A. TRUE
- B. FALSE

Answer: A

Common communication equipment ways have RS232, RS485, FE, etc.

- A. TRUE
- B. FALSE

Answer: A

Leakage protection by the action mode is mainly divided into electronic and electromagnetic.

- A. TRUE
- B. FALSE

Answer: A

UPS inverter components can achieve the conversion from AC to DC.

- A. True
- B. False

Answer: B

The function of the wind system is to properly organize the flow of indoor air so that the temperature; humidity and cleanliness of the air in the indoor work area can better meet the technical requirements and human comfort requirements

- A. TRUE
- B. FALSE

Answer: A

CLF (Cooling Load Factor) is defined as the ratio of the data center cooling equipment power consumption and IT equipment power consumption.

- A. TRUE
- B. FALSE

Answer: A

At present, batteries are installed in data centers mainly in rack-mounted and tank-mounted installations.

- A. TRUE
- B. FALSE

Answer: A

Under the normal mode, when the UPS front-end voltage fluctuates at $220V + 10\%$, the output voltage of the UPS will fluctuate greatly.

- TRUE
- FALSE

Answer: B

Data Center Infrastructure System supports alarm function.

- TRUE
- FALSE

Answer: A

Because R410A will hurt people's skin, operate it carefully and avoid direct contact with skin.

- TRUE
- FALSE

Answer: A

The increase of power density in the cabinet will Cause hot spot issues in the engine room, the in-row air conditioner can solve the problem of hot spot.

- TRUE
- FALSE

Answer: A

DB9 is a protocol

- TRUE
- FALSE

Answer: B

The N+X system in the UPS system has higher level of power supply protection than the 2N system.

- TRUE
- FALSE

Answer: B

Air energy efficiency ratio is the ratio of effective input power and cooling capacity, its value will be shown as W/W.

- TRUE
- FALSE

Answer: B

Compared to precision air conditioners, confort air comditioners has high sensible hear ratio ().

- TRUE
- FALSE

Answer: B

Single-Answer Question

How many power modules at most can be inserted in ECC800 collector of Huawei monitoring system?

- A. 1
- B. 2
- C. 3
- D. 4

Answer: B

The closer the PUE value is to (), indicates that the better the data center energy efficiency status is

- A. 1
- B. 2
- C. 3
- D. 4

Answer: A

Which of the following communication interface transfer rate is the fastest?

- A. RS232
- B. RS422
- C. RS485
- D. FE

Answer: D

In the process of construction, carry out the debris splash operation, should use ().

- A. helmets
- B. anti-smashing shoes
- C. anti-impact goggles
- D. seat belt

Answer: C

Which low voltage circuit breaker should be used for 3kw computer server ()?

- A. ACB
- B. MCB
- C. MCCB
- D. BCB

Answer: B

The following () circuit breakers are typically low voltage circuit breakers for IT loads.

- A. ACB
- B. MCCB
- C. MCB
- D. RCB

Answer: C

Which of the following does not belong to the protocols?

- A. RJ45
- B. SNMP
- C. Modbus
- D. PMBu5

Answer: A

MCB circuit breaker C-level trip setting value between (); used in IT load situations.

- A. 2-3In
- B. 3-5In
- C. 5-10In
- D. 8-15In

Answer: B

() Which of the following start then the alarm emits a strong sound and light alarm signal to remind the scene of the purpose of attention?

- A. temperature detector
- B. VESDA
- C. Smoke detector
- D. sound and light alarm

Answer: D

The description of the data center cooling system, which of the following is incorrect?

- A. Cabinet-level air conditioning for cooling inside the cabinet.
- B. In cabinet-level, row-level, and room-level cooling, the row-level cooling mode has the shortest airflow path
- C. Room-level cooling can improve the cooling efficiency by changing the air-out position.
- D. In low power density data centers, room-level cooling has cost advantages.

Answer: B

Users can in which interface upgrade the device version?

- A. Software Management
- B. Report Management
- C. Asset Management
- D. Stock Management

Answer: A

Use RS485 communication, the maximum communication distance are () meters.

- A. 5
- B. 15
- C. 100
- D. 1200

Answer: D

The maximum communication distance of RS485 is () m.

- A. 5
- B. 15
- C. 100
- D. 1200

Answer: D

Which of the following components can check whether the refrigerant contains water?

- A. Solenoid valve
- B. water gauge
- C. device for drying and filtering
- D. depending on the oil mirror

Answer: B

How much V is the contact voltage limit (equivalent to the safety voltage) prescribed by the International Electrotechnical Commission (IEC)? And provides 25V following do not need to consider the safety measures to prevent electric shock

- A. 30
- B. 90
- C. 50
- D. 220

Answer: C

What is used to indicate the severity of the corresponding fault in dynamic environment monitoring system'?

- A. Alarm time
- B. Alarm name
- C. Alarm level
- D. Alarm source

Answer: C

Which of the following belongs to air-cooled line air conditioning?

- A. NetCol5000-C
- B. NetCol5000-A
- C. NetCol8000-C
- D. NetCol8000-A

Answer: B

MCB circuit breaker can be divided into B. C. D. Z. K class according to different tripping characteristics. For IT loads, the () level tripping characteristics should be used.

- A. B
- B. C
- C. D
- D. Z

Answer: B

() indicates energy usage efficiency of a data center.

- A. PUE
- B. IP
- C. COP
- D. OPEX

Answer:A

The parameters that can reflect the energy efficiency state and power usage effectiveness of the data center are ().

- A. COP
- B. PUE

- C. IF
 - D. OPEX
- Answer: B

The () system distributes power to equipments in data center, such as UPS, AC and Lighting system.

- A. high voltage
 - B. low voltage
 - C. DC
 - D. medium voltage
- Answer: B

The main role of () is electricity distribution, in accordance with the requirements, standards and norms assigns the forestage electric energy to various types of electrical equipments, such as UPS, air conditioners lighting equipment and so on.

- A. High voltage power distribution system
 - B. Medium voltage power distribution system
 - C. Low voltage power distribution system
 - D. DC power distribution system
- Answer: C

The end of lead-acid battery discharge; the voltage drop, positive and negative active materials transform into ().

- A. Pbo
 - B. Pb
 - C. H2So4
 - D. PbSO4
- Answer: D

For the unsaturated air; the relationship of size among the dry bulb temperature, wet bulb temperature and dew point temperature is ().

- A. Dry bulb temperature > Dew point temperature > Wet bulb temperature
 - B. Dry bulb temperature > wet bulb temperature > dew point temperature
 - C. Wet bulb temperature > dew point temperature > dry bulb temperature
 - D. wet bulb temperature > dry bulb temperature > dew point temperature
- Answer: B

Which of the following outdoor modles belongs to double fan?

- A. NetCol500-A032
 - B. NetCol500-A072
 - C. NetCol500-A038
 - D. NetCol500-A026
- Answer: B

When the load is 60KW, the capacity of each UPS is 100KVA, the power factor is 095, when the system must be redundancy configuration, how many UPS does it need at least?

- A. 2
 - B. 3
 - C. 4
 - D. 5
- Answer: A

Which of the following description about sending back to send air is correct?

- A. The air outlet is located in the upper park of the air-conditioned room and the air return is located in the lower park of the air-conditioned room
 - B. Air flow from the central outlet sent through the work area and then discharged from the lower air outlet
 - C. Air flow from the upper outlet sent out into the work area and then discharged from the upper air outlet to form on the back to send the air flow organization
 - D. No need to control the entire space as a control object, only the air conditioning area located in the lower part of the room to control
- Answer: A

Which of the following is the correct indication of a fixed valve-regulated lead-acid batteries with 2V single cell, rated capacity of 840Ah?

- A. 1-GFM-800
 - B. 800-GFM-1
 - C. 800-GMF-1
 - D. GFM-800
- Answer: D

Under certain conditions of atmospheric pressure and water vapor content, to cool the air, when the air reaches saturation, cooling will continue to condense when the temperature is ().

- A. Dry bulb temperature

- B. Wet bulb temperature
- C. Dew point temperature
- D. Absolute temperature

Answer: C

Under what circumstances UPS will work in static bypass mode?

- A. No electricity input
- B. Mains voltage fluctuations too much
- C. Inverter fault
- D. The battery is damaged

Answer: C

The output power factor of 250 kVA UPS is 0.8, it can drive () loads at most.

- A. 180kw
- B. 190kw
- C. 200kw
- D. 222kw

Answer: C

A UPS capacity is 200K-VA with output power factor is 0.9, then how much load does it can drive up?

- A. 180kw
- B. 190kw
- C. 200kw
- D. 222kw

Answer: A

There are three different categories of earthing (TN, TT and IT) in low voltage distribution systems. What does the first letters represent?

- A. Indicates the relationship of the power system to the exposed conductive parts of the power receiving system
- B. Indicates the power system on the ground
- C. Indicates the relationship between neutral N and protective earth PE
- D. Indicates power receiving system exposed conductive parts and the relationship between the ground

Answer: B

Which of the following is not part of the chilled water air conditioner?

- A. Exhaust valve
- B. Condenser
- C. Table cooler
- D. Fan

Answer: B

() Which of the following can be used as a side outlet can also be used as a lower outlet?

- A. double louver tuyere
- B. Under the type of diffuser
- C. Ventilated floor
- D. Spout

Answer: A

Huawei chilled water air conditioner rely on which to adjust the water flow?

- A. Flow switch
- B. electric two-way valve
- C. Butterfly valve
- D. Globe valve

Answer: B

In battery construction, the () component functions can discharge excess gas.

- A. battery slot
- B. Pole
- C. safety valve
- D. Electrolyte

Answer: C

Which of the following options do not qualify as direct expansion air-cooled air conditioners?

- A. Simple structure, easy installation, low cost
- B. Refrigeration energy efficiency is relatively low
- C. Installation distance is unlimited
- D. can not be installed over long distances, or large loss of refrigeration

Answer: C

What function does Dynamic environment monitoring system can display the real-time status of the device?

- A. User Management

- B. Real-time signal
- C. Asset Management
- D. Work Order Management

Answer: B

What kind of refrigerant does Huawei precision air conditioner use?

- A. R22
- B. R410A
- C. R407C
- D. R13

Answer: B

In the UPS system, the most comprehensive description of the role of the inverter circuit is?

- A. Convert AC to DC
- B. The battery voltage is converted to AC voltage
- C. Convert the rectified DC voltage into AC voltage
- D. Convert the rectified DC voltage or battery voltage into AC voltage

Answer: D

Which of the following is not the current harm to the human body?

- A. Human ventricular fibrillation
- B. suffocation
- C. spasm
- D. split

Answer: D

Which of the following is not belongs to the monitoring function provided by Huawei NetEco.

- A. Real-time signal
- B. Current alarm
- C. Access monitoring
- D. software upgrade

Answer: D

For only the Modbus protocol for the power distribution equipment, you can through () access to dynamic environment monitoring system.

- A. FE
- B. RS485
- C. POE
- D. Dry contact

Answer: B

Through check (); the user can understand the operation of the equipment.

- A. Real-time signal
- B. Device version
- C. Operation log
- D. Asset Management

Answer: C

() support according to the report template to create a report task.

- A. Configuration Management
- B. Asset Management
- C. Report Management
- D. Stock Management

Answer: C

() is used to ensure that the extinguishing agent is sprayed in a specific jet to promote the rapid vaporization of the extinguishing agent and to achieve the extinguishing concentration within the protected space.

- A. Nozzle
- B. Fire network
- C. Start the device
- D. extinguishing agent bottle group

Answer: A

Dynamic environment monitoring system, can be used to store high-definition images, provide large-scale storage media, for Icing-time storage of video recording equipment is ().

- A. collector
- B. Switch
- C. sound and light alarm
- D. Network Video Recorder (NVR)

Answer: D

When mains input range of voltage: 150-260VAC, frequency. 45-60HZ, which of the following UPS working range can work in the main inverter state?

- A. Input range: 180 — 240V, 45 — 55HZ
- B. Input range: 160 — 230V, 45 — 65HZ
- C. Input range: 180— 240V, 40 — 70HZ
- D. Input range: 110 — 280V, 40 — 70HZ

Answer: D

Battery electrolyte leakage occurs; which treatment approach is more appropriate?

- A. Flush with water and check if it needs to be replaced
- B. Flush with alkaline solution and check if it needs to be replaced
- C. Wear gloves wipe clean, check if it needs to be replaced
- D. Do not deal with

Answer: C

In the dynamic environment monitoring system, the user queries the alarm information of the cooling equipment through () function.

- A. Alarm Management
- B. Asset Management
- C. Entrance guard management
- D. Software Management

Answer: A

How to reduce the power consumption of () is the key to improve the energy efficiency of the data center.

- A. Cooling system
- B. Lighting system
- C. IT devices
- D. Power supply and distribution system

Answer: A

Data center energy consumption mainly comes from the ring equipment, lighting system, refrigeration systems, power supply and distribution system How to reduce the energy dissipations of the () is the key to solve data center energy conservation in the industry at present.

- A. IT equipment
- B. Refrigeration system
- C. Lighting System
- D. Power Supply and Distribution System

Answer: B

The role of the safety valve in the battery construction prevents excessive internal pressure and drains the excess ().

- A. Oxygen O₂
- B. Hydrogen H₂
- C. Water vapor H₂O
- D. Electrolyte

Answer: B

The function of the following () parts is to help with oil return.

- A. liquid lens
- B. oil sight glass
- C. Oil trap
- D. reverse bend

Answer: C

The following air conditioning, which is comfort air conditioning?

- A. room dedicated air conditioning
- B. Clean air conditioning
- C. Commercial air conditioners
- D. Medical air conditioning

Answer: C

() component can complete the DC to AC conversion.

- A. inverter component
- B. Rectifier component
- C. Charger
- D. Static bypass unit

Answer: A

Which of the following component can improve the heat exchanger heat exchange capability?

- A. Fan
- B. Two-way valve
- C. Condensate pump

D. Electric heating
 Answer: A

Huawei dynamic environment monitoring system, which equipment at the data collection layer can pass the underlying components (UPS, precision air conditioning, etc.) information to the monitoring software?

- A. camera
 - B. entrance guard
 - C. server
 - D. ECC800
- Answer: D

Users can use the () function to assign persons to handle problems.

- A. Performance Management
 - B. Monitoring and Management
 - C. Work Order Management
 - D. Configuration Management
- Answer: C

Users can use the () function to assign personnel to troubleshoot.

- A. Performance Management
 - B. Monitoring and Management
 - C. Work Order Management
 - D. Configuration Management
- Answer: C

There are three different categories of earthing (TN, TT and IT) in low voltage distribution systems. The second capital letter represents ().

- A. Indicates the relationship of the power system to the exposed conductive parts of the power receiving system
 - B. Indicates the relationship of the power system on the ground
 - C. shows the relationship between neutral N and protective earth PE
 - D. Said the relationship between power receiving system exposed conductive parts and the ground
- Answer: D

During construction, touching sharp appliances should use ().

- A. anti-mechanical damage gloves
 - B. helmets
 - C. Insulation gloves
 - D. seat belt
- Answer: A

If the capacity of the UPS is 20KVA, the UPS front end input capacity may be () during normal operation.

- A. 20KVA
 - B. 19KVA
 - C. 1810/A
 - D. 25KVA
- Answer: D

UPS, also known as AC UPS system, for online UPS, when the AC input is normal, the system is supplied by ().

- A. Bypass
 - B. Inverter
 - C. battery
 - D. Maintenance bypass
- Answer: B

Which is the standard name about 12V/150Ah VRLA battery ().

- A. 150-GFIV1-6
 - B. 6-GMF-150
 - C. 6-GFM-150
 - D. MF-150
- Answer: C

The following () is the correct description of 6 fixed VRLA single battery series. The rated capacity is 150Ah

- A. 150-GFIV1-6
 - B. 6-GMF-150
 - C. 6-GFM-150
 - D. MF-150
- Answer: C

Which of the following Humidifier is used in Huawei row-level precision air conditioning?

- A. Infrared humidifier
- B. electrode humidifier

- C. High pressure spray humidifier
- D. Ultrasonic humidifier

Answer: B

The following () air supply methods are mainly applicable to the craft air conditioners in lower work area where there is a large amount of waste heat to be taken away.

- A. middle air-supply
- B. upper supply and bottom return
- C. bottom supply and upper return
- D. bottom supply and bottom return

Answer: C

Lay anti-static floor, put on anti-static shoes and socks to prevent the formation of ().

- A. Static electricity from the foot to the ground
- B. Static electricity from hand to the ground
- C. Static electricity from hand to the device
- D. Static electricity from the foot to the device

Answer: A

() is a fire detector that detects smoke particles.

- A. temperature detector
- B. VESDA
- C. Smoke detector
- D. sound and light alarm

Answer: C

In air-conditioning systems, the role of () is to cool the high-temperature and high-pressure gas discharged from the compressor by using water-cooled or air-cooled to release heat to the outside world.

- A. Evaporator
- B. Condenser
- C. compressor
- D. Expansion valve

Answer: B

Which fire extinguishing agent is mainly used in data center fire protection system?

- A. Heptafluoropropane
- B. water
- C. Haloalkanes
- D. Halon 1301

Answer: A

The northbound interface of Huawei monitoring system NetEco can be accessed ().

- A. Fire system
- B. higher level network management
- C. Lighting System
- D. Refrigeration system

Answer: B

The type of compressor used by Huawei air-cooled precision air conditioner is ().

- A. Screw type
- B. Centrifugal
- C. Scroll
- D. Reciprocating

Answer: C

Which is the unit of UPS rated capacity?

- A. KVA
- B. Var
- C. Kw
- D. AH

Answer: A

Which low voltage circuit breaker can connect with IT devices ()

- A. Breaking capacity
- B. Short circuit protection
- C. Switching between dual power supplies
- D. Overcurrent protection

Answer: C

Which of the following is not a basic function of a low-voltage circuit breaker?

- A. Break

- B. Overcurrent protection
- C. Short circuit protection
- D. dual power switch

Answer: D

Which of the following does not belong to the four major components of air conditioning?

- A. Compressor
- B. Evaporator
- C. Fan
- D. Condenser

Answer: C

In air conditioning system, the () liquidizes the superheat steam ()

- A. Evaporator
- B. Compressor
- C. Electrolyte
- D. Condenser

Answer: D



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Multi-Answer Question

In the access control system interface the functions can be achieved are () (Multiple Choice)

- A. Show the switch status of the door
- B. Users added
- C. Authority allocation
- D. View access records

Answer: ABCD

What should be used during construction when low-voltage live working (below 1kV)? (Multiple choice)

- A. Insulating shoes
- B. Helmets
- C. Insulation gloves
- D. Insulation service

Answer: ACD

During the construction process, what should the nitrogen bottle operation be equipped with specially? (Multiple choice)

- A. Check valve
- B. Nitrogen valve
- C. Goggles
- D. Antifreeze gloves

Answer: BCD

Compared with the comfort air conditioning, what are the advantages of the equipment room dedicated air conditioning? (Multiple choice)

- A. big air volume, little enthalpy difference
- B. high sensible heat ratio
- C. more accurate temperature and humidity control
- D. the year refrigeration

Answer: ABCD

According to the principle of tripping, the MCB circuit breaker can be divided into () and (). (Multiple Choice)

- A. Thermal trip
- B. Cold trip
- C. Magnetic trip
- D. Short circuit

Answer: AC

Huawei monitoring system NetEco supports to send the alarm message to users through (). (Multiple Choice)

- A. Mail
- B. SMS
- C. Telephone
- D. Fax

Answer: AB

The core components of the refrigeration system include (). (Multiple Choice)

- A. Evaporator
- B. Condenser
- C. Compressor
- D. Expansion valve

Answer: ABCD

Which of the following belongs to the indirect-contact heat and humidity treatment equipment? (Multiple Choice)

- A. Cooling coil
- B. Coil air heater
- C. Electrode humidifier
- D. Evaporator

Answer: ABD

The features of UPS are (). (Multiple Choice)

- A. Steady voltage
- B. Steady frequency
- C. Anti-voltage surge
- D. Continue to supply power to the load when there is no utility power

Answer: ABCD

Air conditioning has three major indicators; the three major indicators refer to (). (Multiple Choice)

- A. Temperature
- B. Humidity
- C. Cleanliness
- D. Dryness

Answer: ABC

According to different categories by electrolyte, the batteries can be divided into () and (). (Multiple Choice)

- A. lead acid batteries
- B. alkaline batteries
- C. lean liquid battery
- D. flooded battery

Answer: AB

In dynamic environment monitoring system alarm management functions can be achieved (). (Multiple choice)

- A. Positioning alarm
- B. Query alarm
- C. software upgrade
- D. Asset Management

Answer: AB

According to the battery, different electrolyte storage can be divided into () and (). (Multiple choice)

- A. GEL
- B. GFM
- C. VRLA
- D. AGM

Answer: AD

For valve-regulated lead-acid batteries; what are the role of safety valve? (Multiple choice)

- A. Exhaust excess gas
- B. prevent air from entering
- C. Conductive
- D. Participate in chemical reactions

Answer: AB

What types does Dual power switch ATS switch according to the different type of switches can be divided into? (Multiple choice)

- A. Standard switch
- B. Delay switch
- C. Instantaneous switch
- D. Closed switch

Answer: ABD

ATSS can be divided into () according to the transfer switch type ().

- A. Standard transfer
- B. Delay transfer
- C. Instant transfer
- D. Closed transfer

Answer: ABD

Where are UPS common working modes? (Multiple choice)

- A. The main road inverter mode
- B. Static bypass mode
- C. Battery mode
- D. Offline mode

Answer: ABC

During the construction process, which should be used in corrosive operation? (Multiple choice)

- A. Anti-corrosion liquid goggles
- B. Acid-resistant gloves
- C. Anti-acid (alkali) service
- D. Anti-chemical shoes

Answer: ABCD

Which statements are correct ()? (Multiple choice)

- A. One NetEco can monitor and manage only one FusionModule.
- B. One NetEco can monitor and manage multiple FusionModules.
- C. One ECC800 can connect to multiple NetEcos.
- D. One NetEco can connect to multiple ECC800s.

Answer: BD

The following statement which is correct? (Multiple choice)

- A. A NetEco network management system can only monitor and manage one micro module.
- B. A NetEco network management system can monitor and manage multiple micro modules.
- C. One ECC800 can correspond to multiple NetEco monitoring systems.
- D. A NetEco monitoring system can correspond to multiple ECC800.

Answer: BD

Gas fire extinguishing system are composed of () and other subsystems. (Multiple choice)

- A. Extinguishing agent storage bottle group
- B. Start the device
- C. Fire Network
- D. Nozzle

Answer: ABCD

Computer room air conditioning is suitable for () scenes. (Multiple choice)

- A. Modular data center
- B. Container Data Center
- C. Large and medium-sized data center
- D. Office

Answer: ABC

In construction process, the existence of objects falling and impact of operations, () should be used. (Multiple choice)

- A. helmets
- B. anti-smashing shoes
- C. Insulation gloves
- D. seat belt

Answer: AB

Which are the features of water cooled chilled water air conditioner ()

- A. No need to install a cooling tower
- B. Only for small scale data center
- C. Cooling tower needs to be installed
- D. Suitable for large and medium scale data center

Answer: CD

The following () options belong to water-cooled chilled water air conditioners (Multiple Choice)

- A. No need to install a cooling tower
- B. Only for small data centers
- C. Need to install a cooling tower
- D. Suitable for medium and large data centers

Answer: CD

What throttle devices does Huawei air-cooled precision air conditioning use? (Multiple choice)

- A. Solenoid valve
- B. Thermal expansion valve
- C. Electronic expansion valve
- D. Orifice

Answer: BC

The throttling devices that used in Huawei precision air conditioners are ().

- A. Solenoid valve
- B. Thermal expansion valve
- C. Electronic expansion valve
- D. Perforated ceiling

Answer: BC

Dynamic environment monitoring system can be applied to () scene. (Multiple choice)

- A. data center room
- B. Unattended substation
- C. Wireless base station
- D. Transfer node machine room

Answer: ABCD

The following () is the advantage of the UPS N system. (Multiple choice)

- A. low cost hardware configuration
- B. UPS work in the design of high-load conditions, the highest efficiency
- C. Lack of redundancy
- D. reliability is higher than mains

Answer: ABD

According to the concentration degree of equipment, air conditioning system can be divided into (). (Multiple choice)

- A. Centralized
- B. Semi-centralized
- C. decentralized
- D. Mixed

Answer: ABC

The data center facilities are consisted of ().

- A. Fire extinguishing system
- B. Integrated cabling system
- C. Cooling system
- D. Power supply system

Answer: ABCD

Computer room fire protection system mainly consists of () system. (Multiple choice)

- A. Automatic fire alarm
- B. Gas fire extinguishing
- C. Smoke control
- D. safe evacuation

Answer: ABCD

At present, the communication methods used by the Dynamic environment monitoring system are () (Multiple choice)

- A. SNMP
- B. Modbus
- C. Dry Contact
- D. DGT

Answer: ABCD

Valve-regulated lead-acid battery safety valve has () function. (Multiple choice)

- A. Adjust the battery pressure inside and outside
- B. filter acid mist
- C. Flame retardant
- D. Anti-battery internal pollution

Answer: ABD

Huawei dynamic environment monitoring system's components have (). (Multiple choice)

- A. NetEco server
- B. ECC800
- C. Smart ETH socket
- D. Skylight actuator

Answer: ABCD

Which of the following is advantages of the UPS 2N system? (Multiple choice)

- A. Power supply redundancy
- B. The UPS system can be serviced without switching the load to maintenance bypass mode
- C. No single path fault point
- D. Numerous redundant components; high cost

Answer: ABC

Which of the following functions can be achieved by dynamic environment monitoring system? (Multiple choice)

- A. Operation status monitoring
- B. Operating parameters display
- C. Alarm information display
- D. remote management

Answer: ABCD

DCIM can provide the following functions: ().

- A. Real time monitoring
- B. Display running parameters
- C. Display alarm information
- D. Remote management

Answer: ABCD

Which of the following function is supported by Huawei NetEco monitoring system? (Multiple choice)

- A. Configuration Management
- B. Alarm Management
- C. Access Management
- D. Battery monitoring

Answer: ABCD

() is a fire detector that detects smoke particles. (Multiple choice)

- A. temperature detector
- B. VESDA
- C. Smoke detector
- D. sound and light alarm

Answer: AC

The function of the following () parts is to help with oil return. (Multiple choice)

- A. liquid lens
- B. oil sight glass
- C. Oil trap
- D. reverse bend

Answer: AC

The following air conditioning, which is comfort air conditioning? (Multiple choice)

- A. room dedicated air conditioning
- B. Clean air conditioning
- C. Commercial air conditioners
- D. Medical air conditioning

Answer: AC

In which situation does the UPS work in battery mode ()? (Multiple choice)

- A. No mains
- B. Battery low voltage
- C. Mains input exceeds the allowable range.
- D. Mains in normal

Answer: AC

