

EP600 EXAM FOR INSTALLERS

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- I . Single choice (22*2.5 PTS)
- II. True or false (15*2.5 PTS)
- III. Multiple-choice (3*2.5 PTS)

I . Single choice (22*2.5 PTS)

1. Which of the following switches is not turned on, and then the APP shows that the working status of EP600 is OFF?

- ☐ Feed into Grid
- ☐ Charge from Grid
- ☐ Main Switch
- ☐ Alarm Sound

2. The maximum charging power of a single B500 :

- ☐ 2000W
- ☐ 2500W
- ☐ 4000W
- ☐ 5000W

3. The maximum discharge power of a single B500

- ☐ 1500W
- ☐ 2000W
- ☐ 2500W
- ☐ 3000W

4. The protection levels of EP600 and B500 are:

5. [] IP45

- ☐ IP56
- ☐ IP65
- ☐ IP67

5. Does the EP600 output three-phase electricity? Or single phase electricity? Or dual live wires?

- ☐ Single-phase electricity
- ☐ Three-phase electricity

☐ Double live wire

6. The rated AC input frequency of EP600

☐ 0Hz

☐ 60Hz

☐ 47Hz~63Hz

☐ 50Hz/60Hz

7. The AC rated output power of EP600

☐ 4960W

☐ 6000W

☐ 9000W

☐ 7600W

8. The PV input voltage range of EP600

☐ 150V-550V

☐ 150V-500V

☐ 100V-500V

☐ 100V-550V

9. The maximum AC input power of EP600 (charging plus bypass load)

☐ 12000W

☐ 6000W

☐ 9000W

☐ 7600W

10. The maximum input power of EP600 for simultaneous PV and AC charging is:

☐ 12000W

☐ 6000W

☐ 9000W

☐ 7600W

11. How many CTs does the EP600 system come with?

☐ 1

☐ 2

☐ 3

☐ 4

12. When the EP600 system is AC coupled with a three-phase photovoltaic system, how many CTs need to be connected to the photovoltaic inverter line?

☐ 1

☐ 2

☐ 3

☐ 4

13. The PV charging circuit ways of EP600 :

☐ 1

☐ 2

☐ 3

☐ 4

14. What is the maximum power of each PV charging circuit way of EP600?

☐ 1000W

☐ 1500W

☐ 2000W

☐ 3000W

15. which description is correct regarding the Bluetooth/WiFi function of EP600:

☐ Only supports Bluetooth connection

☐ Only supports Wi-Fi connection

☐ Both

☐ Neither

16. The no-load loss of EP600 in standby state (with the inverter turned on) :

☐ 23W

☐ 32W

☐ 64W

☐ 128W

17. When two EP600s are connected in parallel, the maximum number of B500s that can be connected is:

☐ 4

☐ 8

☐ 16

☐ 32

18. What are the parallel modes that EP600 can achieve currently?

☐ Parallel operation at the grid-connected side

☐ Parallel operation at the off-grid side

☐ Both

19. In time control mode, how many time slot can be set at most?

- ☐ 2
- ☐ 4
- ☐ 6
- ☐ 8

20. What should be the cable specification at the Grid end of EP600?

- ☐ 1.5mm²
- ☐ 2.5mm²
- ☐ 4mm²
- ☐ 6mm²

21. Which method is used to communicate between the EP600 and the electricity meter required when AC coupling the photovoltaic system?

- ☐ RS485
- ☐ RS232
- ☐ CAN
- ☐ Ethernet

22. When the EP600 is AC coupled to the photovoltaic system, which interface does the communication line of the electric meter need to be connected to?

- ☐ CT
- ☐ Com
- ☐ DRMs
- ☐ USB

II. True or false (15*2.5 PTS)

23. Does EP600 have a manual PV switch?

- ☐ YES
- ☐ NO

24. When the mains power is on , can the grid side of the EP760 can carry equipment

- ☐ YES
- ☐ NO

25. When the mains power is on, Backup side of EP760 can carry equipment

- ☐ YES
- ☐ NO

26. After the mains power is cut off, grid side of EP600 still can output power

- ☐ YES

☐ NO

27. After the mains power is cut off, the Backup side of EP600 still can output power

☐ YES

☐ NO

28. When the EP600 system is AC coupled to a three-phase photo-voltaic system, is it necessary to connect an additional electric meter ADL400?

☐ YES

☐ NO

29. If the charging enable (Charge from Grid) is turned on, but the charging time period (charge) is not set, the machine will still obtain charging power from the grid

☐ YES

☐ NO

30. If the feed enable (Feed into Grid) is turned on, but the feed time period (discharge) is not set, the machine will feed back power to the grid

☐ YES

☐ NO

31. If the circuit breaker of B500 is not pushed to the upper position, in this case, it can be turned on the entire EP600 system if pressing the switch of B500

☐ YES

☐ NO

32. The meaning of the SOC-low value in the SOC setting: When the actual SOC value of the EP600 drops to this SOC-low value, the EP600 battery capacity will be well reserved for possible emergency using , and at this time the grid power is bypassed to power the loads. Is this description correct?

☐ YES

☐ NO

33. The meaning of the SOC-High value in the SOC setting: When the actual SOC value is from 0% to this SOC-High value, the EP600 can be charged from the grid power. When the actual SOC value is higher than this SOC-High value, charging from the grid power is no longer allowed and can only be charged by the photo-voltaic system. Is this description correct?

☐ YES

☐ NO

34. the indicator light of EP600 have 4 different colors to display the status

☐ YES

☐ NO

35. When the EP600 system is AC coupled with a three-phase photo-voltaic system, if the grid power is cut off in this case, will the photo-voltaic inverter still be capable to charge the EP600
- ☐ YES
- ☐ NO
36. When only the grid power is connected to EP600 and all loads are turned off, click CT self-testing and the EP600 will automatically correct CT direction and phase sequence
- ☐ YES
- ☐ NO
37. When the EP600 system is AC coupled with a three-phase photo-voltaic system, does the electric meter ADL400 need to connect 3 live wires and 1 neutral wire to output circuit of the photo-voltaic inverter to detect the three-phase output voltage of the photo-voltaic inverter?
- ☐ YES
- ☐ NO

III. Multiple-choice (3*2.5 PTS)

38. Which firmware of EP600 can be upgraded through APP?
- ☐ IOT
- ☐ ARM
- ☐ DSP
- ☐ Safety Module
39. Which firmware of B500 can be upgraded through APP?
- ☐ BCU
- ☐ BMU
- ☐ High-voltage Module
- ☐ Safety Module
40. What working modes does EP600 have?
- ☐ Self-consumption
- ☐ Time of use mode
- ☐ PV priority mode
- ☐ Customized mode