[CLAIMS]

[Claim 1] A heat pump water-heater outdoor unit comprising:

a cabinet that constitutes an outer casing;

a refrigerant circuit that is constituted by annularly connecting a compressor, an air-refrigerant heat exchanger, an expansion valve, and a water-refrigerant heat exchanger that are provided in the cabinet by a refrigerant pipe, and in which a refrigerant circulates;

a plurality of accumulators that are connected to the refrigerant pipe and constitute part of the refrigerant circuit and moreover disposed above the compressor in the cabinet; and

an electronic component configured to drive the compressor, wherein

the electronic component is disposed in the cabinet in a state in which the electronic component is in contact with a lower surface of at least one of the accumulators.

[Claim 2] The heat pump water-heater outdoor unit according to Claim 1, wherein

the accumulators are connected to each other in parallel at an intermediate point in the refrigerant circuit.

[Claim 3] The heat pump water-heater outdoor unit according to Claim 1 or 2, further comprising a blower configured to blow air to the air-refrigerant heat exchanger, wherein

the electronic component is disposed in a state in which the electric component is in contact with only one of the accumulators that is positioned on a side that is far from the blower.

[Claim 4] The heat pump water-heater outdoor unit according to any one of Claims 1 to 3, wherein

when a horizontal specific direction is used as a reference, the compressor is disposed in a lower portion on one side of the specific direction in the cabinet,

the accumulators and the electronic component are disposed in an upper portion on the

one side of the specific direction in the cabinet and are held in a state in which the accumulators and the electronic component are in contact with each other, and

the air-refrigerant heat exchanger is disposed on the other side of the specific direction in the cabinet.

[Claim 5] The heat pump water-heater outdoor unit according to any one of Claims 1 to 4, wherein

the electronic component is connected to one of the accumulators via a member capable of thermal conduction.

[Claim 6] The heat pump water-heater outdoor unit according to any one of Claims 1 to 4, wherein

the electronic component is connected to two of the accumulators via a member capable of thermal conduction.

[Claim 7] The heat pump water-heater outdoor unit according to any one of Claims 1 to 6, wherein

the electronic component comprises a wide band gap semiconductor.

[Claim 8] The heat pump water-heater outdoor unit according to Claim 7, wherein

the wide band gap semiconductor comprises any of silicon carbide (SiC), gallium nitride (GaN), and diamond.

[Claim 9] A water-heater comprising:

the heat pump water-heater outdoor unit according to any one of Claims 1 to 8;

a hot water tank in which hot water heated by the heat pump water-heater outdoor unit is to be stored; and

a hot water supply circuit configured to supply the hot water stored in the hot water tank to an external hot water supply target.