

BWG

光伏并网柜

Photovoltaic grid
Connection cabinet



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概述 Overview

BWG photovoltaic grid connected cabinet is an important component that undertakes centralized inverters and step-up transformers or AC combiner box step-up transformers. The incoming line of this photovoltaic grid connected cabinet uses a short-circuit breaker input or direct input, and the output uses a circuit breaker or load isolation switch. The busbar is connected with electroplated or purified wire, and provides secondary lightning protection. The maximum rated voltage of the system is AC690V, and the protection level is | P40 indoors and | P65 outdoors; The cables for secondary measurement and control include cables with a current greater than 2.5mm², cables with a voltage of 1.5mm², and cables with a control voltage greater than 1.0mm². The measuring current transformer is a current transformer of level 0.5, and the measuring current transformer is a current transformer of level 0.25. Relevant functions can also be added according to customer requirements. This product adopts professional electrical design, is simple, beautiful, convenient for on-site wiring and maintenance, and ensures long-term stable operation of the equipment.

技术参数 Technical Parameters

型号 Model	BWG
Maximum input voltage	690VAV
Rated frequency	50HZ
Maximum rated frequency	3150A
Measure current	Three-phase current, three-phase voltage, active power, apparent power, power factor, frequency, electrical degree
Communication mode	RS485 bus/standard MODBUS-RTU protocol RS485bus/standard MODBUS-PTU protocol
Temperature and humidity	Working temperature: -40~+85 °C, temperature 95%, no condensation, no corrosive gas in the workplace
Altitude	≤4000m
Cabinet material	Hot dip galvanized steel plate/stainless steel/cold-rolled steel plate
Protection level	IP40
Volume (width * height * depth)	2260mm*800mm*600mm
Installation method	Floor standing