

PHOTOVOLTAIC ARRAY COMBINER BOX



PRODUCT OVERVIEW

Photovoltaic power generation system, in order to reduce the photovoltaic module and inverter between the connecting cables, convenient maintenance, reduce the loss and improve the safety and reliability of the product, generally require in the photovoltaic module and inverter added between confluence device.

Photovoltaic junction box besides having the function of pv bus outside, and at the same time, should also have a current counter-attack, over current protection, over-voltage protection, lightning protection and a series of perfect protection function.

This company produces the photovoltaic junction box with the above various functional requirements, and photovoltaic (PV) grid, from network type inverter supporting the use can form a complete set of photovoltaic power generation system solutions.

MAIN FEATURES

- Single way photovoltaic array output, maximum open circuit voltage 1000V.
- Multiway photovoltaic array input, single way input array maximum current of 10A.
- Single way photovoltaic array to join the high-voltage fuse protection, counter-attack protection.
- Photovoltaic special high voltage lightning protection device protection.
- Photovoltaic special high voltage circuit breaker control output
- Meet outdoor installation requirements, protection class Ip65.

TECHNICAL INDEXES

Model:	HT4	HT6	HT8	HT10	HT16
PV array input numbers	4	6	8	10	16
Max single PV array current	16A				
Single PV array fuse	16A				
Single PV array wire size	4mm ²				
Output numbers	1				
Max output current	40A	60A	80A	100A	200A
output wire size mm ²	10mm ²	16mm ²	20mm ²	25mm ²	35mm ²
Max output voltage	1000VDC				
DC output circuit breaker	yes				
Protection	Ip65				
Temperature range	-30℃~60℃				
Reference weight (N.W/G.W.)	7.6 Kg/13Kg			12.2 Kg/18.8 Kg	
Machine size (D X W X H)	458*445*150mm			458*445*150mm	
Packaging size (D X W X H)	510*500*252mm			620*550*262mm	
Cooling way	Natural cooling				
SPD protection	20KA-40KA				
Ground wire size	≥6mm ²				