



Shanghai DADA Electric combiner box is a wiring device in the photovoltaic power generation system that ensures the orderly connection and confluence function of photovoltaic modules. This device can ensure that the photovoltaic system is easy to cut off the circuit during maintenance and inspection, and reduce the range of power outage in case of photovoltaic system failure. The combiner box means that the user can connect a certain number of photovoltaic cells with the same specification in series to form a photovoltaic tandem, and then connect several photovoltaic tandem to the photovoltaic combiner box in parallel. After converging in the photovoltaic combiner box, through the controller, DC distribution cabinet, Solar inverter, and AC distribution cabinet, a complete photovoltaic power generation system can be formed to achieve grid connection with the mains.

Product Features

1. High reliability: With DC FUSE/With DC SPD/With DC circuit breaker or DC load isolation switch.
2. IP65 design, waterproof, anti dust and anti ultraviolet. Strict test for high And low temperature, used widely.
3. The simple installation, the simplified system wiring, the convenient wiring.

4. The box body is made of cold rolled steel and other metal materials. 5.Used for single crystal silicon solar modules, polycrystalline silicon solar modules, thin film solar modules. Current rating of the photovoltaic fuse,circuit breaker, load isolation switch is modified.

Type	PV1/1	PV2/1	PV3/1	PV4/1(4/2)	PV6/1(6/2)
Electric parameter					
System maximum dc voltage	1000V DC				
Maximum input current for each string	15A				
Maximum input strings	1	2	3	4	6
Maximum output switch current	32A	32A	32A	63A	125A
Maximum output switch current	1	1	1	1/2	1/2
Lightning protection					
Max. PV voltage (d.c.) (Ucpv)	1000V DC				
Max. discharge current (8/20 μ s) (Imax)	40kA				
Voltage protection level (Up)	4.0kV				
System					
Protection grade	IP65				
Output switch	DC MCB(optional)/DC isolation switch(standard)				
Waterproof Connectors	PG/MC4				
Monitoring module	Optional				
Box material	PVC				
Installation method	Wall mounting type				
Operating Temperature	-25 °C ... +55 °C				
Permissible relative humidity	0-95%,no condensation				