

DC MY-PV1/1 500V/1000V COMBINER BOX



HIGH RELIABILITY

With DC FUSE, With DC Surge Protection Device, With DC circuit breaker or DC load isolation switch.

STRONG ADAPTABILITY

IP65 design, waterproof, anti dust and anti ultraviolet.Strict test for high and low temperature, used widely.The simple installation, the simplified system wiring, the convenient wiring.The box body is made of cold rolled steel and other metal materials.

FLEXIBLE CONFIGURATION

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.

TECHNICAL PARAMETERS

NAME	DC MY-PV1/1 500V/1000V	
Electric Parameter		
System maximum dc voltage	500	1000
Maximum input current for each string	32A	
Maximum input strings	1	
Maximum output switch current	32A	
Number of inverter MPPT	1	
Number of Output strings	1	
Lightning Protection		
Category Of Test	II grade protection	
Nominal Discharge Current	20kA	
Maximum Discharge Current	40kA	
Voltage Protection Level	2.8kA	
Maximum Continuous Operating Voltage Uc	630V	3.8kV
Poles	2P	1050V
Structure Characteristic	Plug-push module	3P
System		
Protection grade	IP65	
Output switch	DC isolation switch(standard)/DC circuit breaker(optional)	
SMC4 Waterproof Connectors	Standard	
PV dc fuse	Standard	
PV surge protector	Standard	
Monitoring module	Optional	
Preventing diode	Optional	
Box material	PVC	
Installation method	Wall mounting type	
Operating Temperature	-25 C ~+55 C	
Elevation of temperature	2km	
Permissible relative humidity	0-95% , no condensation	
Mechanical Parameter		
Width x High x Depth	200x172x110mm	200x226x110mm

DESCRIPTION

DC MY-PV1/1 500V/1000V combiner box is suitable for inverter (MAX input votage DC500V/DC1000v, 1 PV input channel, 1 output channel, single MPPTinverter). Box body is made of PVC engineering materials, with test for fire retardant, temperature rise, anti impact, anti ultraviolet, and otheltesting.IP65 protection grade.

Design and configuration strictly accordance with the "Technical specification for photovoltaic junction equipment" CGC/GF 037:2014Provide users with a safe, brief, beautiful and applicable photovoltaic system products.

