



IP66 Solar DC Combiner Box 4 String Input 1 String Output

ADELS® is a professional leader China IP66 Solar DC Combiner Box 4 String Input 1 String Output manufacturers

Protection grade: IP65

Output switch: Dc isolation switch(standard)/Dc circuit breaker(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

Voltage protection level: 2.8KV/3.8KV

WidthxHighx Depth (mm): 300*260*140

Maximum continuous operating voltage Uc: 630V/1050V

Certification: CE, CB, ROHS

Place of Origin: Zhejiang, China

Brand Name: ADELS

Model Number: GYPV/4-1 DCCOMBINER BOX

Warranty: 3years

Model:FMA-18W PV4/1

ADELS® is a leading China IP66 Solar DC Combiner Box 4 String Input 1 String Output manufacturers, suppliers and exporter.

IP66 Solar DC Combiner Box 4 String Input 1 String Output

IP66 Solar DC Combiner Box 4 String Input 1 String Output Parameter

Electrical Characteristics	
Type	FMA-18W PV4/1 (FMA-18W PVM4/1)
Input	4 string
Output	1 string
Maximum Voltage	DC 1000V
MAX DC Short Circuit Current Per Input (Isc)	15A(Changeable)

Wenzhou Feimai Electric Co., Ltd.

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Maximum Current Output	63A
Environment	
Operating Temperature	-25P~+55°C
Humidity	99%
Attitude	2000M
Installation	Wall Mounting
Enclosure	FMA-18W
Material Type	PC/ABS
Degree of Protection	IP65
Dimension (V\A\HxD)	410x285x140mm
Cable input entry	Pg9 Cable Gland 4-8mm ² /4mm ² MC4 connector
Output Cable Gland	Pg21 Cable Gland(2 holes)
DC MCB	FM DB7-63/PV-63A/4 P
Rated Insulation Voltage (Ui)	DC 1000V
Rated Current (Ie)	63A
Category	DC-21 B
Standard Compliance with Certification	IEC60947-2
DC Surge Protection Device	CB, ROHS
Max Operation Voltage (Ucpv)	FMDC-T2/3
Standard Compliance with	DC 1000V
Maximum Discharge Current	EN 61643-31 Type 2
Certification	40 KA
DC Fuse Holder	TUV, CE, CB, ROHS
LED Indicator	FMR1-32
Rated Working Voltage	Yes
Fuse Link	DC 1000V
Certification	10x38mm 15A
	TUV, CE, CB, ROHS

IP66 Solar DC Combiner Box 4 String Input 1 String Output Schematic

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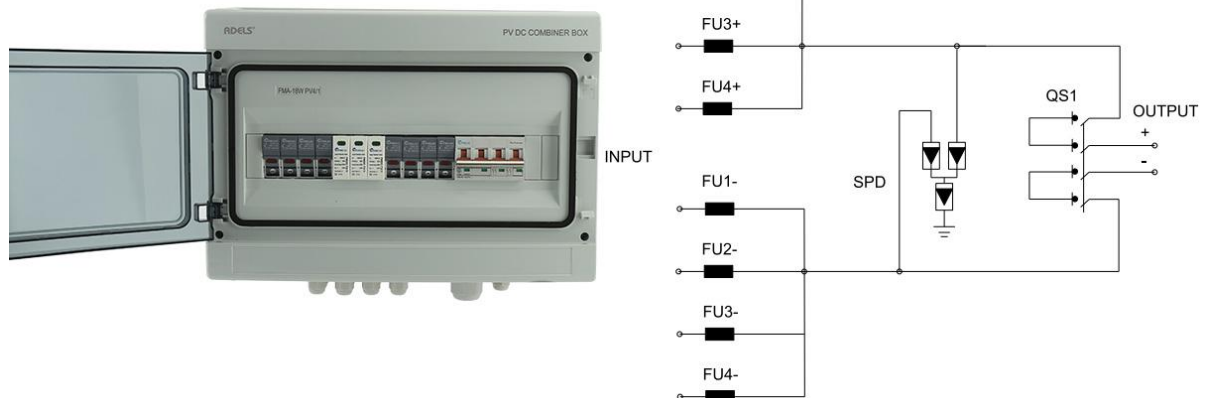
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IP66 Solar DC Combiner Box 4 String Input 1 String Output OVERVIEW

High reliability

With DC FUSE

With DC Surge Protection Device

With Dc circuit breaker or DC load isolation switch.

Strong adaptability

P65 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.

DESCRIPTION

GYPV/1-1 combiner box is suitable for inverter (MAX input voltage Dc550v/DC100ov, 1 PV input channel, 1 output channel, single MPPT inverter). Box body is made of PvEngineering materials, with test for fire retardant, temperature rise, anti impact, anti ultraviolet, and other testing. IP65 protection grade.

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

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