



Solar AC Distribution Boxes

Leading Features

- IP 67 Protected Enclosure
- Built in Short Circuit & Overload Protection
- Surge Voltage Protection Devices (1 Varistors +1 Spark Gap)
- FRLS Insulation Class Copper Wires
- Wire Harness Tested to Ensure High Conductivity
- Easy Installation & Service
- Plug & Play Solutions for Residential Solar PV Installations
- Energy Efficient Protective Devices (Applicable for MCB)
- World Class Quality with Best Industry Price

General Parameters

Ingress Protection	IP 67
Enclosure	PC Transparent Cover with Hinges
Molding	ABS MOULDED BASE
Humidity	100% Non-Condensing
Operating Condition	Temperature (-20° to +60°C)
Type of Protection	Short Circuit, Overload & Surge Voltage Protection (T2)
UV Resistance	Yes
Compliance Standards	IS/IEC : 60898 - 1, IS / IEC : 60947 - 2, IS / IEC : 60947 - 7 - 1, IEC61643-11 (Protection Category-T2)

SOLAR AC DISTRIBUTION BOXES

SOLAR AC DISTRIBUTION BOXES								
Product	Model	GMSB10IP001	GMSB10IP002	GMSB10IP003	GMSB10IP004	GMSB10IP005	GMSB10IP006	GMSB10IP007
	Description	ACDB-1PH 1 ~ 6 kW	ACDB-1PH 1 ~ 3.6 kW	ACDB-1PH 4 ~ 6 kW	ACDB-3 PH 5 ~ 10 kW	"ACDB-1PH 1 ~ 3.6 kW Indicator"	ACDB-1PH 4 ~ 6 kw Indicator	ACDB-3 PH 5 ~ 10 kW Indicator
Enclosure	Size	180 x 130 mm (Small)		230 x 200 mm (Medium)		180 x 130 mm (Small)		280 x 190 mm (Large)
MCB	Rating	32 AMP 2P AC MCB, 50 C, 10kA	25 AMP 2P AC MCB, 50 C, 10kA	32 AMP 2P AC MCB, 50 C, 10kA	25 AMP 4P AC MCB, 50 C, 10kA	25 AMP 2P AC MCB, 50 C, 10kA	32 AMP 2P AC MCB, 50 C, 10kA	25 AMP 4P AC MCB, 50 C, 10kA
	Pole	2P		4P		2P		4P
	Type	AC MCB						
SPD	Description	1PH, MOV type SPD Uc:320V~, In:20kA, I _{max} :40kA, U _p ≤15kV, Type-2, 2P		3PH, MOV type SPD Uc:320V~, In:20kA, I _{max} :40kA, U _p ≤15kV, Type-2, 4P		1PH, MOV type SPD Uc:320V~, In:20kA, I _{max} :40kA, U _p ≤15kV, Type-2, 2P		3PH, MOV type SPD Uc:320V~, In:20kA, I _{max} :40kA, U _p ≤15kV, Type-2, 4P
	Volt	320V~						
Indicators	Rated Voltage	-		-		220 / 230 V (RED)		220 / 230 V (RED / YELLOW / BLUE)
	Rated Current	-		-		≤ 20mA		≤ 20mA
Terminal	Rating	6mm ² , 41A						
	Color	Grey						
Cable	Size	4 mm ²		6 mm ²		4 mm ²		6 mm ²
	Type	AC						
Ports	In / Out	1 IN 1 OUT						
Master Carton Packing	Qty/Carton	20 Nos		10 Nos		20 Nos		8 Nos





Solar DC Distribution Boxes

Leading Features

- IP 67 Protected Enclosure
- Built in Short Circuit & Overload Protection
- Surge Voltage Protection Devices (1 Varistors + 1 Spark Gap)
- FRLS Insulation Class Copper Wires
- Wire Harness Tested to Ensure High Conductivity
- Easy Installation & Service
- Plug & Play Solutions for Residential Solar PV Installations
- Energy Efficient Protective Devices (Applicable for MCB)
- World Class Quality with Best Industry Price

General Parameters

Ingress Protection	IP 67
Enclosure	PC Transparent Cover with Hinges
Molding	ABS MOULDED BASE
Humidity	100% Non-Condensing
Operating Condition	Temperature (-20° to +60°C)
Type of Protection	Short Circuit, Overload & Surge Voltage Protection (T2)
UV Resistance	Yes
Compliance Standards	IS / IEC : 60947 - 2, IEC61643-31 (Protection Category-T2)

SOLAR DC DISTRIBUTION BOXES

SOLAR DC DISTRIBUTION BOXES									
Product	Model	GMSB20IP010	GMSB20IP011	GMSB20IP012	GMSB20IP013	GMSB20IP014	GMSB20IP015	GMSB20IP016	GMSB20IP017
	Description	Solar Box DCDB 1 ~ 6 kW	Solar Box DCDB 5 ~ 8 kW	Solar Box DCDB 8 ~ 10 kW	Solar Box DCDB 1 ~ 6 kW with Fuse	Solar Box DCDB 5 ~ 10 kW with Fuse	Solar Box DCDB 1 ~ 6 kW MCB + Fuse	Solar Box DCDB 5 ~ 8 kW MCB + Fuse	Solar Box DCDB 8 ~ 10 kW MCB + Fuse
Enclosure	Size	180 x 130 mm (Small)		230 x 200 mm (Medium)	180 x 130 mm (Small)		230 x 200 mm (Medium)		
MCB	Rating	25 AMP 2P 800V DC MCB, 50°C		25 AMP 4P 1000V DC MCB, 50°C	-		25 AMP 2P 800V DC MCB, 50°C		25 AMP 4P 1000V DC MCB, 50°C
	Pole	2P		4P	-		2P		4P
	Type	DC MCB			-		DC MCB		
SPD	Description	MOV type SPD Uc:600VDC, In:20kA, I _{max} :40kA, Up:≤2.3kV, Type-2, 2P	MOV type SPD Uc:1000VDC, In:20kA, I _{max} :40kA, Up:≤4.0kV, Type-2, 3P		MOV type SPD Uc:600VDC, In:20kA, I _{max} :40kA, Up:≤2.3kV, Type-2, 2P	MOV Type SPD Uc:1000VDC, In:20kA, I _{max} :40kA, Up:≤4.0kV, Type-2, 3P	MOV Type SPD Uc:600VDC, In:20kA, I _{max} :40kA, Up:≤2.3kV, Type- 2, 2P	MOV Type SPD Uc:1000VDC, In:20kA, I _{max} :40kA, Up:≤4.0kV, Type-2, 3P	
	Volt	600 VDC	1000 VDC	1000 VDC	600 VDC	1000 VDC	1000 VDC	600 VDC	1000 VDC
Fuse	Rated Voltage	-					1000VDC		
	Rated Current	-					25 A		
Terminal	Rating	6mm², 41A							
	Color	Grey							
Cable	Size	4 mm²							
	Type	DC							
Ports	In / Out	1 IN - 1 OUT							
Master Carton Packing	Qty/Carton	20 Nos		10 Nos	20 Nos			10 Nos	

