

**AK-SMC-Series SMC Fiberglass Electrical Enclosure IP65
Waterproof Electrical Box for Solar Combiner PLC Cabinet
Outdoor Control Panel**

Product parameters	
Model Number	AK-SMC-Series
External Dimensions	300×250×140mm, 400×300×200mm, 400×400×200mm, 500×400×200mm, 600×400×230mm, 600×500×230mm, 800×600×300mm
Protection Rating	IP65
Operating Temperature	-40°C to +155°C
Product Weight	3.51Kg to 21.5Kg (varies by model)
Main Material	SMC (Sheet Molding Compound) Fiberglass
Mechanical Property	High Strength & Rigidity
Corrosion Resistance	Excellent (resists acids, alkalis, chemicals)
Temperature Resistance	High Temperature Resistant (stable under high heat)
Insulation Property	Good Electrical Insulation (prevents current leakage)
Lightweight Design	Lighter than traditional metal materials
Sealing Design	Integrated One-Piece Sealing Gasket
Lock Type	Recessed Door Lock
Mounting Accessories	Includes Mounting Corner Brackets & Galvanized Mounting Plate
Hinge Type	High-Quality Hinges
Applications	Industrial Control, Building Automation, Outdoor Equipment, New Energy (e.g., Solar), Communication Base Stations, Environmental Engineering, Transportation Infrastructure, Smart Home, Commercial Centers, Hotel Facilities, Construction Sites, Surveillance & Security Systems

SMC FIBERGLASS PROTECTIVE BOX

NEW MATERIALS/QUALITY CREATES SAFETY

- THICKENED SMC MATERIAL
- CORROSION AND IMPACT RESISTANCE
- FLAME RETARDANT AND FIREPROOF



PRODUCT FEATURES



WATERPROOF
AND DUSTPROOF



CORROSION-
RESISTANT



EASY
INSTALLATION



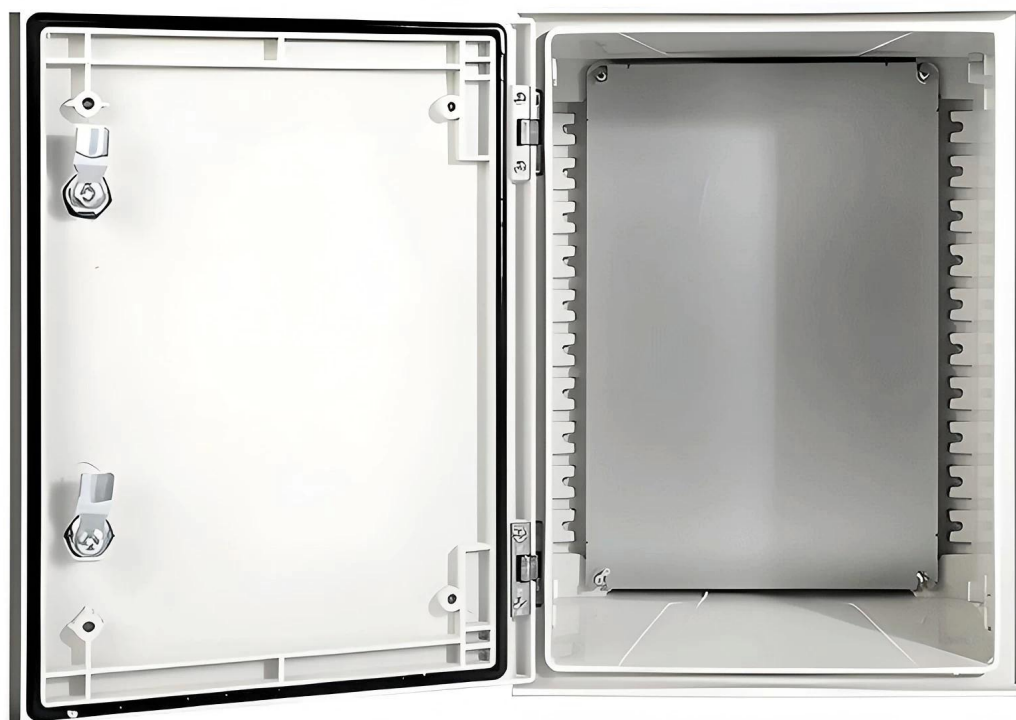
COMPLETE
SPECIFICATIONS

IP65 GRADE PLASTIC WATERPROOF BOX

THE SEALING RING MADE OF POLYURETHANE MATERIAL IS WATERPROOF AND CORROSION-RESISTANT.



PRODUCT PARAMETERS



Model	Size(mm)	Weight
AK-SMC-01	300*250*140	3.51Kg
AK-SMC-02	400*300*200	5.5Kg
AK-SMC-03	400*400*200	7Kg
AK-SMC-04	500*400*200	7.6Kg
AK-SMC-05	600*400*230	9.45Kg
AK-SMC-06	600*500*230	11.75Kg
AK-SMC-07	800*600*300	21.5Kg

PRODUCT DETAILS

Integrated One-Piece Sealing Gasket



Recessed Door Lock



High-Quality Hinges



Mounting Corner Brackets

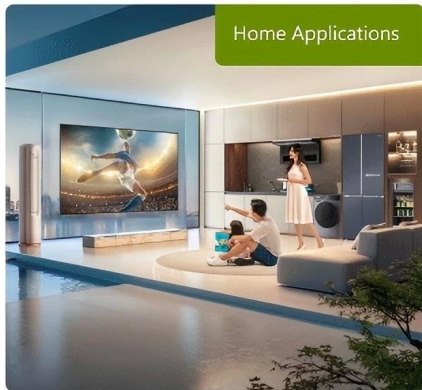


Galvanized Mounting Plate



PRODUCT APPLICATION

Home Applications



Hotel Facilities



Commercial Centers



Construction Sites



Surveillance Systems



CUSTOMIZED SERVICE



CHANGE COLOR



ACRYLIC PLATE



CUTOUT



SILKSCREEN / UV PRINTING



3D PRINTING



VACUUM CASTING



LASER ENGRAVING



STICKER



MEMBRANE KEYBOARD



SHEET METAL BENDING



RFI / EMI SHIELDING COATING



OIL PAINTING



HOT MELT TREATMENT



ELECTROPLATING



CUSTOM PC PLATE



PLASTIC / ALUMINUM CNC