

# Introduction

## JL-AG Series

### Waterproof Junction Boxes

The JL-AG series waterproof junction boxes are designed to provide reliable protection for electrical connections in both indoor and outdoor environments. With a robust structure, excellent sealing performance, and modern appearance, JL-AG junction boxes are ideal for industrial, commercial, and infrastructure applications.

**Certifications :** CE, RoHS

**Body Material :** ABS or PC (Polycarbonate) high-quality plastic

#### Material Features:

High impact resistance  
Excellent performance in high and low temperatures  
Chemical and corrosion resistance  
Smooth surface and professional finish  
Long service life

**Protection Level :** IP65 – Dust-tight and protected against water jets

#### Applications

Indoor and outdoor electrical installations  
Communication systems  
Fire alarm systems  
Power distribution systems  
Solar and renewable energy projects  
Factories and workshops  
Railway, airport, and infrastructure projects  
Industrial and marine equipment

#### Installation Method

##### Internal Installation:

Built-in mounting bosses for circuit boards or DIN rails.  
Fixing with corrosion-resistant screws.

##### External Installation:

The enclosure can be directly mounted on walls or panels.  
Hidden mounting holes help maintain waterproof performance.

#### Cable Entry (Cable Holes)

The junction box is provided with pre-formed cable entry holes.  
Multiple knock-out holes are available on the sides and bottom of the enclosure.  
Suitable for direct cable entry or installation of cable glands.  
Ensures easy wiring while maintaining reliable waterproof performance.

## Specifications – JL-AG Series

Model Code (W*H*D)	Holes Quantity/Sizes(mm)	(P)L*W*H(mm)	QTY/CTN	Carton Dimension (cm)
JL-AG 655055	Customized	65 × 50 × 55	300	51.5 × 40 × 31
JL-AG 956555	Customized	95 × 65 × 55	240	49.5 × 40.5 × 46.5
JL-AG 10010075	Customized	100 × 100 × 75	100	52 × 41.5 × 40.5
JL-AG 1108045	Customized	110 × 80 × 45	200	56.5 × 41.5 × 38.5
JL-AG 1108070	Customized	110 × 80 × 70	100	47 × 41 × 38
JL-AG 1108085	Customized	110 × 80 × 85	100	57 × 33.5 × 45
JL-AG 12512575	Customized	125 × 125 × 75	60	52 × 39.5 × 39.5
JL-AG 125125100	Customized	125 × 125 × 100	60	52 × 39.5 × 52
JL-AG 1308070	Customized	130 × 80 × 70	120	54 × 41.5 × 45
JL-AG 1308085	Customized	130 × 80 × 85	100	54 × 41.5 × 45
JL-AG 1608055	Customized	160 × 80 × 55	120	59.5 × 34 × 43
JL-AG 1608095	Customized	160 × 80 × 95	60	51.5 × 33.5 × 50.5
JL-AG 17014095	Customized	170 × 140 × 95	60	57.5 × 52 × 49.5
JL-AG 17512575	Customized	175 × 125 × 75	50	54 × 52.5 × 32
JL-AG 175125100	Customized	175 × 125 × 100	30	52.5 × 36 × 39.5
JL-AG 175175100	Customized	175 × 175 × 100	30	54.5 × 37 × 53.5
JL-AG 1808070	Customized	180 × 80 × 70	90	56 × 41 × 46
JL-AG 200150100	Customized	200 × 150 × 100	20	54 × 31 × 42
JL-AG 200150130	Customized	200 × 150 × 130	30	67.5 × 41 × 47
JL-AG 20020095	Customized	200 × 200 × 95	30	62 × 41 × 51
JL-AG 200200130	Customized	200 × 200 × 130	20	67.5 × 41 × 42
JL-AG 2508070	Customized	250 × 80 × 70	50	52 × 41 × 36
JL-AG 2508085	Customized	250 × 80 × 85	50	52 × 41 × 45.5
JL-AG 250150100	Customized	250 × 150 × 100	20	51.5 × 31 × 53
JL-AG 250150130	Customized	250 × 150 × 130	30	67.5 × 46.5 × 52
JL-AG 280190130	Customized	280 × 190 × 130	20	68 × 39.5 × 57.5
JL-AG 280190180	Customized	280 × 190 × 180	12	57.5 × 39.5 × 56.5
JL-AG 280280130	Customized	280 × 280 × 130	10	68 × 29 × 57.5
JL-AG 280280180	Customized	280 × 280 × 180	4	57.5 × 29 × 37.5
JL-AG 340280130	Customized	340 × 280 × 130	10	67 × 35 × 57
JL-AG 340280180	Customized	340 × 280 × 180	4	57.5 × 35 × 37.5
JL-AG 380190130	Customized	380 × 190 × 130	12	59 × 39 × 55
JL-AG 380190180	Customized	380 × 190 × 180	9	59 × 39 × 56.5
JL-AG 380280130	Customized	380 × 280 × 130	6	57.5 × 39 × 41.5
JL-AG 380280180	Customized	380 × 280 × 180	4	57.5 × 39 × 37.5



