



LUVBOX — TE SERIES

PLASTIC ENCLOSURES · LATCH + HINGE TYPE



Weatherproof ABS/PC enclosures engineered for reliable electrical, electronic and telecommunication protection — combining the strength of steel enclosures with the economy and versatility of engineered plastics.

TE Series Plastic Enclosure

PLASTIC LATCH + HINGE TYPE

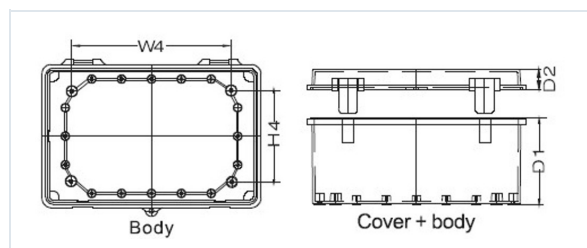


Among the plastic enclosures currently available on the market, the TE Series stands out for its functional design and working efficiency — delivering protective performance on par with steel enclosures at a significantly more competitive price. Every unit is enhanced with electromagnetic interference (EMI) shielding and anti-static properties, giving special emphasis to the mechanical protection of electrical and electronic components.

- **Material:** ABS (Acrylonitrile Butadiene Styrene) body & PC (Polycarbonate) clear cover
- **Operating temperature:** -40°C to +120°C
- **Door options:** Grey opaque door (AG series) or clear PC door (AT series)
- **Hinge & latch:** Integrated plastic hinge with quick-release latch system
- **Mounting plates:** Available in steel or engineered plastic
- **Security options:** Lead-sealing point, key lock, and inner-plate fixing
- **Applications:** Outdoor telecom cabinets, junction/distribution boxes, industrial control housings

Dimensional & Ordering Specifications

Grey Door Model	Clear Door Model	Dimension (mm) W × H × D			D1+D2 (mm)	Mounting Plate		Install. Size (mm)	
		W	H	D		Plastic	Metal	W4	H4
TE-AG-1015	TE-AT-1015	100	150	70	50 + 20	TJ-1015P	TJ-1015	100	—
TE-AG-1020	TE-AT-1020	100	200	70	50 + 20	TJ-1020P	TJ-1020	150	—
TE-AG-1126-S	TE-AT-1126-S	110	260	75	55 + 20	—	TJ-1126	200	40
TE-AG-1126	TE-AT-1126	110	260	110	80 + 20	—	TJ-1126	200	40
TE-AG-1315	TE-AT-1315	135	155	80	60 + 20	—	TJ-1315	100	100
TE-AG-1318-S	TE-AT-1318-S	135	185	80	60 + 20	—	TJ-1318	130	100
TE-AG-1318	TE-AT-1318	135	185	110	90 + 20	—	TJ-1318	130	100
TE-AG-1515	TE-AT-1515	150	150	90	70 + 20	TJ-1515P	TJ-1515	100	100
TE-AG-1722	TE-AT-1722	170	220	110	80 + 30	TJ-1722P	TJ-1722	161	—
TE-AG-1727	TE-AT-1727	170	270	110	80 + 30	—	TJ-1727	180	100
TE-AG-1929	TE-AT-1929	190	290	140	110 + 30	TJ-1929P	TJ-1929	210	120
TE-AG-2530	TE-AT-2530	250	300	150	112 + 38	TJ-2530P	TJ-2530	230	180
TE-AG-2530-1	TE-AT-2530-1	250	300	180	140 + 38	TJ-2530P	TJ-2530	230	180
TE-AG-2535-1	TE-AT-2535-1	250	350	150	110 + 38	TJ-2535P	TJ-2535	275	175
TE-AG-2535	TE-AT-2535	250	350	180	142 + 38	TJ-2535P	TJ-2535	275	175
TE-AG-2919	TE-AT-2919	290	190	140	110 + 31	TJ-2919P	TJ-2919	120	210
TE-AG-2939	TE-AT-2939	290	390	160	132 + 28	TJ-2939P	TJ-2939	316	214
TE-AG-3030-S	TE-AT-3030-S	300	300	130	100 + 30	TJ-3030P	TJ-3030B	251	241
TE-AG-3030-A	TE-AT-3030-A	300	300	180	150 + 30	TJ-3030P	TJ-3030B	251	251
TE-AG-3546	TE-AT-3546	350	465	160	130 + 31	TJ-3546P	TJ-3546	410	296
TE-AG-3546-1	TE-AT-3546-1	350	465	200	170 + 31	TJ-3546P	TJ-3546	410	296
TE-AG-2020	TE-AT-2020	200	200	150	30 + 120	TJ-2020P	TJ-2020	150	180
TE-AG-2939-1	TE-AT-2939-1	290	390	200	30 + 170	TJ-2939P	TJ-2939	214	316
TE-AG-4050	TE-AT-4050	400	500	200	30 + 170	TJ-4050P	TJ-4050	359	459
TE-AG-4060	TE-AT-4060	400	600	230	30 + 200	TJ-4060P	TJ-4060	358	558



- **W4 / H4** — mounting-plate hole spacing (width & height) inside the body
- **D1** — usable body depth, measured from the base to the sealing rim
- **D2** — cover depth, measured from the sealing rim to the top of the lid
- Combined **D1+D2** in the table gives total enclosure depth when closed

Product Configurations

LOCKING & SEALING OPTIONS

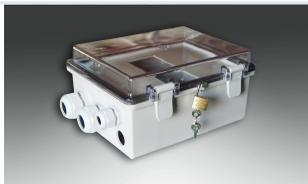


TE Series enclosures are available with a choice of closure methods to suit installation and security requirements — from tamper-evident lead sealing for regulated telecom applications to key-locking padlock fittings for restricted-access sites.



Closed with Lead Sealing

Tamper-evident closure for regulated installations



Closed with Padlock

Key-locking latch for secured cable/equipment access

Inner Plate Fixing & Hinge Detail



The inner mounting plate is fixed to the enclosure body via a reinforced hinge fitting, secured with corrosion-resistant screws. This allows the mounting plate (steel or plastic) to swing open with the door for easy access to installed components, while remaining firmly anchored during normal operation. Compatible fixing bolt kits (MODEL: LC-S12) and hinge fixing kits (MODEL: LC-S11) are available as accessories.

Full Enclosure Range



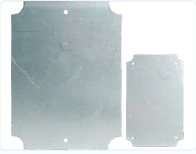
- Compact 100×150mm units up to large 350×465mm cabinets
- Grey opaque or clear polycarbonate lid options across the entire size range
- Consistent IP-rated sealing gasket on every model
- Reinforced corner mounting bosses for wall or panel installation
- Stainless-steel latch hardware on all sizes

Accessories

MOUNTING, HARDWARE & INSTALLATION KITS

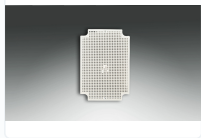


A complete range of accessories is available to tailor each TE Series enclosure to its installation environment, from internal component mounting to external wall fixing.



Steel Mounting Plate

Galvanized steel back-plate for rigid mounting of terminals, DIN rail, and heavy components inside the enclosure body.



Plastic Mounting Plate

Lightweight perforated PC mounting plate offering flexible component fixing points and a lower-cost alternative to steel.



Wall Mount Brackets (WP-02)

Stamped steel brackets for securing the enclosure body directly to a wall or support structure, keyhole-slot design for fast installation.



Stainless Steel Latch

Quick-release compression latch with corrosion-resistant stainless steel construction, compatible with lead-seal and padlock accessories.

LUVBOX TE Series — engineered plastic enclosures combining steel-grade protection with the cost efficiency, corrosion resistance, and design flexibility of ABS/PC construction. Contact your LUVBOX representative for full technical drawings and custom configuration options.