

TPG-SL 4300 SLIDING GATE

**GENERAL INFORMATION**

TPG-SL series sliding gates are designed in various widths and heights for use in security applications and access control. Vehicle gate systems are used safely in various areas such as military bases, government offices, security offices, embassies, airports, industrial areas, research centers, etc. With the combination of strong and fast drive (motor) system (TP-SLO) with long working life and durable steel structure, sliding gates provide long-term and safe access at security points.

Sliding gate systems are designed and produced by an experienced and skilled technical team in advanced production facilities. The highest quality materials and electronic components with the highest reliability on the market are used in production.

Designs can be customized according to security requirements with a variety of material and color options, decorative designs and gate dimensions. Different types of spears, barbed tapes and razors can be used to increase the level of security.

MAIN CHARACTERISTICS

- With its modular structure, the system provides ease of disassembling, transportation and installation,
- Automatic calibration (Slowing down before stopping by sensing the stroke distance of gate),
- Adjustable speed modes (Slow, Medium, Fast, Very Fast), including fast closing and opening modes,
- 12.00 meters of maximum gate width,
- Easy to install, low maintenance cost,
- During a power failure, the gate can be controlled manually by releasing mechanism,
- Have an aesthetic and elegant design,
- Can be integrated with other access control systems,
- Robust structure can resist harsh environmental conditions,
- Thanks to the engineering approach and experienced technical staff, original and practical solutions are offered according to field requirements and customer demands.

TECHNICAL SPECIFICATION



PHYSICAL CHARACTERISTICS

MAIN BODY	Main frame with 50 mm x 100 mm x 2 mm steel profile, 50 mm x 50 x 1.5 mm steel profile vertical bars, over door spears, Galvanized rack gear set, 5 mm thick 400 mm high under door steel plate
FIXED BODY	100 mm x 100 mm x 2 mm steel profile door support (2 Single, 1 Double)
DIMENSIONS	12000 x 550 x 3100 (W x L x H)
BLOCKING WIDTH	From 2000 to 12000
BLOCKING HEIGHT	From 1000 to 3000
THREATMENT	Two component surface tolerant epoxy mastic coating for anti-corrosion (Jotamastic), Finished by black polyester with yellow stripes, different colors are available on demand

OPERATIONAL CHARACTERISTICS

OPERATION	Electromechanical operation with TP-SLO 3500
POWER (MOTOR)	220 VAC, 50 - 60 Hz, 1Ph, 0,75 kW
SPEED	Adjustable 3 different operation speed modes: - Low speed operation 6 m/min - Middle speed operation 12 m/min - High speed operation 18 m/min
OPERATION FREQUENCY	Intensive usage
CONTROL	PLC inverter
EMERGENCY OPERATION	Sliding gate systems allow free pass in emergency, fire alarm etc. situations.
EMERGENCY FAST OPERATION	Emergency fast closing 27 m/min (optional)
POSITION DETECTION	Electromechanical switch
MANUEL OPERATION	Mechanical release thanks to personal key
OBSTACLE DETECTION	Gate can detect obstacles in both direction and reverse operation instantly (optional)

RESISTANCE CHARACTERISTICS

PROTECTION CLASS	IP 65
ENVIRONMENTAL CONDITIONS	-20 ° C / + 70 ° C; durability in harsh environmental conditions

EQUIPMENT AND ACCESSORIES

SAFETY EQUIPMENTS	Emergency stop buttons (Optional), Loop detectors (Optional), Safety photocell (Optional), Spears (Standard)
STANDARD ACCESSORIES	Control keyboard (wired)
OPTIONAL ACCESSORIES	Control Keyboard (wired), RF Receiver, RF Transmitter, RF Antenna, Traffic Lights, Flasher Lamp, Barbed / Razor Wires

CERTIFICATIONS AND WARRANTY

CERTIFICATIONS	ISO 9001:2015, ISO 14001:2015, OHSAS 18001, CE, TSE
WARRANTY	2 years