



## A10

Capable of handling sliding gates up to 2 tonnes in mass, and in arduous operating conditions, the automatic choice for commercial and industrial applications is the A10.

The A10 uses a 3-phase AC motor and electronic inverter to provide ultra rapid opening and closing of the gate. The speed can be increased from 16 up to 30 metres per minute and is adjustable between opening and closing. The inverter's added advantage of total speed control, makes for the fastest, smoothest starting and stopping of any sliding gate on the market in addition to extending the long term reliability of the system. Combining the running characteristics of the 3 phase motor and the efficiency of the inverter, the A10 continues to run cool even in high duty applications.

Although the A10 uses a 3 phase motor, thanks to the inverter, it still connects to a standard 220V AC single phase supply making the unit the ideal gate motor for virtually any domestic and industrial application. The clever design of the mechanical aspects makes installation quick and easy.

In addition to the already exceptional benefits of the standard A10, an optional, DC converter module can be added to give battery back-up. Solar power can be used to recharge the batteries enabling even the most remote sites to enjoy the security and convenience provided by the automatic choice in sliding gate motors.

### Main features

- High push force
- High duty cycle capability
- Extremely rapid operating speed
- Intelligent and smooth speed control
- Multiple programmable features

- Optional battery back-up

## Models

A10 Endurance – A rapid and robust operator for commercial and industrial gates up to 1000kg,

A10 Heavyweight – An all round performer for gates up to 2000kg

## Close Technical Details

## A10's Technical Data

Data	A10 ENDURANCE	A10 HEAVYWEIGHT
Input voltage	220V AC +/-10%, 50Hz <sup>Ω</sup> (single phase)	
Motor voltage	24V DC three-phase	
Push force – rated - At standard speed - At sprint speed	30kgf 22.5kgf	35kgf NA
Gate speed at rated push force - Standard speed - Sprint speed	16m/min 30m/min	13.6m/min NA
Duty cycle	80% <sup>Φ</sup>	
Gate mass - max - Standard speed - Sprint speed	1000kg 600kg	2000kg NA

<sup>Φ</sup> - Based on 25°C ambient temperature and unit not in direct sunlight

**National Call Center 011 463 3025**

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