

**E.T.**  
SYSTEMS  
a company of TheNiceGroup



**Drive**  
300  
Sliding Gate Motor

A low cost, full featured solution for automating residential gates, up to 300 kg



### Compact, robust design:

Designed from the ground up to be compact BUT extremely tough and durable.

- High speed, strong and durable electric motor with removable brushes for easy maintenance
- Tried and tested drive-train proven to be exceptionally robust
- UV resistant housing to endure long term exposure to harsh climates
- Lockable single action manual release
- Small footprint for installations where limited space is available



### Efficient, reliable operation:

Operating more efficiently, saving power for when you need it most.

- Intelligent energy management (as little as 1,5W power in standby), to maximise efficiency and extend battery operation time
- Full battery backup in case of power failure
- Intelligent battery charging for battery longevity
- Battery low and mains failure warning
- Solar power ready



### Intelligent electronics:

The LED display and advanced but simple electronics, makes programming and diagnostics a breeze while giving you all the functionality you need.

- LED display for ease of programming and diagnostics
- Quick access shortcut for adding ET Blu Mix ® remotes
- Individually add and remove remote control users and functions
- Quick and simple run-time setup
- "Drive series" intelligent gate profiling, monitoring and collision detection
- Self-resetting overload protection on outputs
- Various operating modes with customizable parameters, e.g. slow-down distance, auto close times, pedestrian distance, etc.
- Permanently monitored safety beam circuit
- Remote status indicator



### Excellent security features:

Taking cognisance of the ever increasing security demands, numerous advanced security features are incorporated in the Drive 300.

- Gate forced open alarm monitoring
- Safety beam tamper detection
- RF jamming and signal strength tester, transmitter identification
- ET Blu Mix ® enhanced rolling code receiver – "The most secure code in Africa" – 32 user memory x 4 functions each
- Positive close and electronically locking features
- Auxiliary relay output for can be selected to operate mag lock, strike lock, lights etc.

### Technical specifications:

Input voltage:	220-240 Vac, 50Hz-60Hz
Primary power supply to electric motor:	24V Battery
Maximum duty cycle with 220V present:	25% (at 100N running thrust; battery health dependent)
Standard Battery:	24V 3.5Ah
Number of operations on battery power only:	100 within 24 hours (From a fully charged and healthy 3.5Ah battery)
Battery charger:	Multi-stage intelligent charger, with temperature compensation. 350mA
Rated gate mass:	300kg
Maximum travel length:	25m
Rated starting thrust:	200N
Rated running thrust:	100N
Maximum speed:	Up to 25m/min (gate load and battery health dependent)
Anti-crushing safety sensing:	Yes - Electronic gate load profiling
Auxiliary power supply for ancillary devices:	12Vdc Electronically protected to 400mA
Built in receiver frequency:	433.92MHz
Built in receiver format:	ET BLU MIX ® backward compatible with ET BLUE (Rolling code)
Built in receiver memory capacity:	32 user memory x 4 functions each
Receiver functions:	Button trigger, pedestrian, auxiliary relay and holiday lock-out
Alarm monitoring:	Safety beam tampering and gate forced open
Ancillary inputs:	Button trigger, pedestrian, safety beam
Auxiliary relay options:	Courtesy light mode, electric lock mode, receiver relay mode or alarm mode
Auto-close modes:	Simple auto-close, Condominium, Passive Infra-Red Access Control (P.I.R.A.C), Condo-PIRAC
Pedestrian mode:	Either auto-close or 3 step logic
Programming dashboard:	3 digit 7 segment LED display
Operating temperature:	-10° to 50° Celsius

### Optional extras:



**ET-Blu Mix**  
Rolling Code  
Remote  
Transmitters



**Blue i**  
Safety Beams



**MD2010**  
Metal Loop  
Detector



**E-Pad 02**  
Wireless Access  
Control Keypad



**Solemyo**  
Solar Kit



**Intercom**  
Internal and  
external Kit



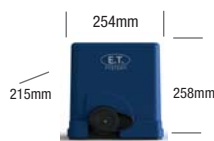
Steel or Nylon Rack



Proudly designed, manufactured and supported by E.T. Systems in South Africa



Enhanced UV protection



Dimensions\*



Weight: 10.6 kg

For more information about this product, scan this QR Code with your smart phone.  
[http://www.et.co.za/drive\\_300.html](http://www.et.co.za/drive_300.html)  
Technical specifications subject to change.  
Products not to scale.

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