



Designed to automate high-traffic sliding gates, up to 1000 kg



sliding gate motor for high traffic applications



Powerpack(ed) operation:

Powered by a toroidal transformer (ACDC Power Pack), with battery only as backup, meaning it can operate continuously – all day, all night!

- Proven Power Pack operation
- 98% Duty Cycle
- . Intelligent battery charging, cycling and monitoring
- High speed (28m/min)



Intelligent electronics:

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

- · Large, clear and backlit LCD with intuitive menu structure • Quick learn short-cut for adding ET-Blu Mix@ remotes

- On screen event and fault logging and reporting
 Precise gate profiling, monitoring and collision detection
 Various selectable operating modes and gate parameters (e.g. gate speed, crawl distance, force, etc.)



Robust and stylish design:

Tough but good looking – designed from the ground up to take the punishment of having to operate a 1000kg gate

- Heavy duty cast aluminium gearbox
- Non-jamming easy release clutch mechanism
- Baseplate with adjustable motor levelling
- Powerful 250W, 24V motor
- Stylish cover design with superior UV stabilisation
- 400mA 12v electronically protected auxiliary output



Excellent security features:

Taking cognisance of the ever increasing security demands, numerous advanced security features are incorporated in the Drive 1000.

- Gate forced open or kept open and limit switch tampering alarm output
- Safety beam tamper detection and alarm output
- . Manual operation of control card can be disabled

- RF Jamming and signal strength tester

 ET Blu-Mix© enhanced rolling code 4 channel receiver –

 "The most secure code in Africa" 1000 user memory

 Auxiliary relay output can be selected to operate mag lock, strike lock, lights, etc.
- Positive close and electronic locking features

Technical specifications:

Input voltage:	220 - 240Vac @ 50Hz - 60Hz
Primary power supply to electric motor:	288VA toroidal transformer (Power Pack)
Maximum duty cycle with 220Vac present:	98%*
Motor power:	24Vdc, 250W
Battery:	24Volt 5Ah
Number of operations on battery reserve without 220Volt AC present:	100** within 24 hours
Battery charger:	Built in multiple stage with cycling and battery health monitor
Maximum gate mass:	1000kg
Rated starting thrust:	500N
Rated running thrust:	400N
Maximum gate travel:	40m
Maximum gate speed:	28m/min*
Anti-crushing safety sensing:	Yes – Electronic gate profiling
Built-in receiver frequency:	433.2 MHz
Receiver format:	E.T. BLU MIX © backward compatible with E.T. BLUE (Rolling code)
Receiver memory capacity:	1000 users - 4 channels each
4 receiver channels:	Button trigger, pedestrian, auxiliary relay, holiday lock-out
Tamper alarm monitoring:	Safety beam tampering, gate forced open and gate kept open monitoring
Ancillary connections:	Either traditional switched wiring or 2 wire daisy chained NICE BlueBus
Auxiliary power supply output:	12Vdc @ 400mA, electronically protected
Auto-close modes:	Simple auto-close, Condominium or Passive Infra-red Access Control (PIRAC)
Pedestrian mode:	Either auto-close or 2 step logic
Operating temperature range:	-10 to 50° C (14F to 122F)



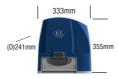
Proudly designed, manufactured and supported by F.T. Systems in South Africa



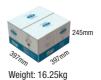
UV protection



1 TON



Dimensions***





Steel or Nylon Rack

Optional extras:



ET-Blu Mix Rolling Code



Blue i Safety Beams



MD2010 Metal Loop Detector



E-Pad 02 Wireless Access Control Keypad



Theft Deterrent **Bracket**



- Gate load dependent, assuming healthy and fully charged battery
- Dimensions exclude base plate and theft deterrent bracket



