



Code	Description
RB500	Irreversible 24 Vdc gear motor, with built-in control unit, electromechanical limit switch and battery back-up. For gates up to 500 kg

For sliding gates weighing up to 500 kg. Compatible for operation with Nice Solemyo and Opera systems.

Faster, smarter, simpler. The South African Robus range sets the new standard in sliding gate automation.

Engineered to meet the demands of South African conditions. Designed to exceed all expectations.

Speed: class leading speed thanks to superb mechanical engineering and uncompromising component quality.

Endurance: Robus redefines intensive use as a standard. Powered directly from the grid, the Robus 500 guarantees no less than 450 operations per day.

Reliability: a genuine battery **back-up system guarantees continued operation during power outages.** The intelligent charger and system design ensures battery longevity.

Intelligence: the smart controller offers:

- 8 programming levels and self-diagnosis;
- a master/slave selection automatically synchronizes two motors;
- up to 7 pairs of safety beams can be added using only 2 wires, thanks to the Nice BlueBUS technology;
- temperature sensor to automatically adapt to climatic conditions.

Durability: base and release in pressure die cast aluminium and epoxy paint finish.

Silence: gear motor on bearings ensures silent operation.

Simplicity: compatible with the Nice Opera system, connect to the hand held O-View programmer for a simple and easy to use interface. You don't have to be on your knees to program a Robus!

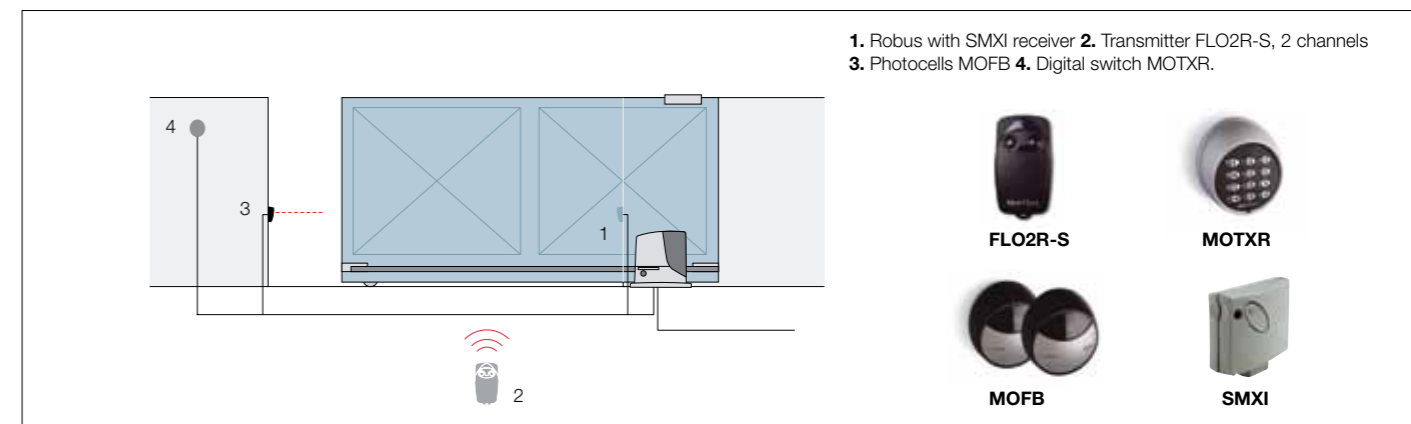
Compatible: with Nice Solemyo solar power kit. Just plug it in to harness the power of the sun and enjoy a cable free installation!

Technical specifications

Code	RB500
Electrical data	
Power Supply (Vac/Hz)	230
Absorption (A)	2.2
Power (W)	450
Performance data	
Speed load dependant (m/min)	22 - 26
Force (N)	360
Work cycle (cycles/day)	450
Operations in standby with battery	20
Dimensional and general data	
Protection level (IP)	44
Working temp. (°C Min/Max)	-20 +50
Dimensions (mm)	330x210x303 h
Weight (kg)	11

Available in practical kit solutions:

Code	Description
Basic	
RB500BKITN	1 electromechanical gear motor RB500 . 4 meters nylon rack.
Radio	
RB500RKITN	1 electromechanical gear motor RB500 . 2 transmitters 433.92 MHz, 2 channels, FLO2R-S . 1 plug-in receiver SMXI . 4 meters nylon rack.
Premium	
RB500PKITN	1 electromechanical gear motor RB500 . 2 transmitters 433.92 MHz, 2 channels, FLO2R-S . 1 plug-in receiver SMXI . 1 pair of surface-mounted photocells MOFB . 1 radio-controlled digital switch MOTXR . 4 meters nylon rack.



Accessories for a complete installation:

Code	Description
RBA3V	Spare control unit
PS124	24 V battery with integrated battery charger (included in RB500)
RBA1	Inductive limit switch
ATHEFTCAGEROBUS500	Anti-theft cage with integrated lock. Powder coated
ATHEFTCAGEROBUS500ZP	Anti-theft cage with integrated lock. Galvanized
RACKN	Nylon rack (2 m)
RACKS	Steel rack (2 m)
RACKZP	Steel rack zinc plated (2 m)

Solemyo system



The solar power kit Solemyo to automate gates, garage doors or barrier gates, including those located far from the power mains and without the need for costly and invasive excavation work. See pages 78/79

Opera system



The innovative Opera system enables the installer to manage, program and control automation systems, also remotely, simply and safely, with significant savings in time. See pages 80/81



Anti-theft cage