

Comfort 515

Operator system for hinged gates

2.01



[E O S] EASY OPERATING SYSTEM

Hall-Sensor-Technic

Comfort 515, single-wing version

Article	Article no.	Price each
Motor unit Comfort 515 single-wing version, anthracite grey	82 175	

Package

- Motor unit Comfort 515, pre-cabled with multibit remote control, 868 MHz
- Separate control unit Control x.51
- Digital 304 Mini hand transmitter, 4-channel
- Fittings, gate and post brackets (die-casted and blue chrom plated)
- Mounting material

Electrical details

Nominal voltage	230 V
Nominal frequency	50/60 Hz
Power consumption	1 A
Power input in operation	0,2 KW
Power input stand-by	< 5 W
Operation mode (duty cycle)	KB 5 min.
Control voltage	24 V DC
Protection category	(motor unit) IP 44 (control unit) IP 65
Protection class	II

Mechanical details

Push and pull force	1.000 N
Door travel speed	15 – 20 mm/sec.
Opening time (gate-specific)	approx. 15 – 25 sec.
Length of travel	400 mm

General details

Measurements	(motor unit) 122 x 198 x 755 mm (control unit) 120 x 240 x 100 mm
Weight (total)	8,0 kg
Range of temperature	-20°C to +60°C

Function

- Economy mode
- Electronic operation of final positions by means of hall sensor
- Soft start/soft stop
- Excess travel stop
- Release
- Connection pushbuttons, code keypads and key switches
- Connection photocell 'Open' and 'Close'
- Connection signal light 24 V DC
- Connection electrical lock 24 V DC
- Connection closing edge safety device 8,2 kΩ 'Open' and 'Close'
- Integrated evaluation 8,2 kΩ
- Back-up compatible in connection with back-up 400/700 (only with Control x.51 from serial no. 5000059174)
- Connection battery back-up
- Automatic cut-out 'Open' and 'Close' separately programmable
- Walk-in wing function programmable (only for double-wing version)
- Gate travel speed programmable
- Soft run speed 'Open' and 'Close' programmable
- Automatic timer function
- Programmable relay output: signal light, gate position 'Open'/'Close', wiping impulse – 1 second, malfunction, lighting
- Error message
- Reset function

Application

- For single-wing hinged gates
- For a wing width of max. 2.500 mm
- For a wing height of max. 2.500 mm
- Max. 50% covered wing surface
- For a wing weight of max. 200 kg
- Gradient up to max. 2%
- e-measurement from -30 to 150 mm
- With the special fitting Special 505 an e-measurement up to 200 mm is possible
- For stability purposes of the closed gate wings we recommend a mechanical stop for the "Closed" gate position
- The gate details listed above are not binding recommendations for easily movable gates; at higher wind loads the wind and drive moments must be checked
- Not for industrial use

Comfort

Digital

Command

Control

Special

Parc 100

Comfort 515

2.02 Operator system for hinged gates



[E O S] EASY OPERATING SYSTEM

Hall-Sensor-Technic

Comfort 515, double-wing version

Article	Article no.	Price each
Motor unit Comfort 515 double-wing version, anthracite grey	82 662	

Package

- Two motor units Comfort 515, pre-cabled with multibit remote control, 868 MHz
- Separate control unit Control x.51
- Digital 304 Mini hand transmitter, 4-channel
- Fittings, gate and post brackets (die-casted and blue chrom plated)
- Mounting material

Electrical details

Nominal voltage	230 V
Nominal frequency	50/60 Hz
Power consumption	1 A
Power input in operation	0,2 KW
Power input stand-by	< 5 W
Operation mode (duty cycle)	KB 5 min.
Control voltage	24 V DC
Protection category	(motor unit) IP 44 (control unit) IP 65
Protection class	II

Mechanical details

Push and pull force	1.000 N
Door travel speed	15 – 20 mm/sec.
Opening time (gate-specific)	approx. 15 – 25 sec.
Length of travel	400 mm

General details

Measurements	(motor unit) 122 x 198 x 755 mm (control unit) 120 x 240 x 100 mm
Weight (total)	8,0 kg
Range of temperature	-20°C to +60°C

Function

- Economy mode
- Electronic operation of final positions by means of hall sensor
- Soft start/soft stop
- Excess travel stop
- Release
- Connection pushbuttons, code keypads and key switches
- Connection photocell 'Open' and 'Close'
- Connection signal light 24 V DC
- Connection electrical lock 24 V DC
- Connection closing edge safety device 8,2 kΩ 'Open' and 'Close'
- Integrated evaluation 8,2 kΩ
- Back-up compatible in connection with back-up 400/700 (only with Control x.51 from serial no. 5000059174)
- Connection battery back-up
- Automatic cut-out 'Open' and 'Close' separately programmable
- Walk-in wing function programmable (only for double-wing version)
- Gate travel speed programmable
- Soft run speed 'Open' and 'Close' programmable
- Automatic timer function
- Programmable relay output: signal light, gate position 'Open'/'Close', wiping impulse – 1 second, malfunction, lighting
- Error message
- Reset function

Application

- For double-wing hinged gates
- For a wing width of max. 2.500 mm
- For a wing height of max. 2.500 mm
- Max. 50% covered wing surface
- For a wing weight of max. 200 kg
- Gradient up to max. 2%
- e-measurement from -30 to 150 mm
- With the special fitting Special 505 an e-measurement up to 200 mm is possible
- For stability purposes of the closed gate wings we recommend a mechanical stop for the "Closed" gate position
- The gate details listed above are not binding recommendations for easily movable gates; at higher wind loads the wind and drive moments must be checked
- Not for industrial use

Comfort 515 L

Operator system for hinged gates

2.03



[E O S] EASY OPERATING SYSTEM

Hall-Sensor-Technic

Comfort 515 L, single-wing version

Article	Article no.	Price each
Motor unit Comfort 515 L single-wing version, anthracite grey	83 063	

Package

- Motor unit Comfort 515 L, pre-cabled with multibit remote control, 868 MHz
- Separate control unit Control x.51
- Digital 304 Mini hand transmitter, 4-channel
- Fittings, gate and post brackets (die-casted and blue chrom plated)
- Mounting material

Electrical details

Nominal voltage	230 V
Nominal frequency	50/60 Hz
Power consumption	1 A
Power input in operation	0,2 KW
Power input stand-by	< 5 W
Operation mode (duty cycle)	KB 5 min.
Control voltage	24 V DC
Protection category	(motor unit) IP 44 (control unit) IP 65
Protection class	II

Mechanical details

Push and pull force	1.000 N
Door travel speed	15 – 20 mm/sec.
Opening time (gate-specific)	approx. 15 – 25 sec.
Length of travel	600 mm

General details

Measurements	(motor unit) 122 x 198 x 955 mm (control unit) 120 x 240 x 100 mm
Weight (total)	8,0 kg
Range of temperature	-20°C to +60°C

Function

- Economy mode
- Electronic operation of final positions by means of hall sensor
- Soft start/soft stop
- Excess travel stop
- Release
- Connection pushbuttons, code keypads and key switches
- Connection photocell 'Open' and 'Close'
- Connection signal light 24 V DC
- Connection electrical lock 24 V DC
- Connection closing edge safety device 8,2 kΩ 'Open' and 'Close'
- Integrated evaluation 8,2 kΩ
- Back-up compatible in connection with back-up 400/700 (only with Control x.51 from serial no. 5000059174)
- Connection battery back-up
- Automatic cut-out 'Open' and 'Close' separately programmable
- Walk-in wing function programmable (only for double-wing version)
- Gate travel speed programmable
- Soft run speed 'Open' and 'Close' programmable
- Automatic timer function
- Programmable relay output:
signal light, gate position 'Open'/'Close',
wiping impulse – 1 second, malfunction, lighting
- Error message
- Reset function

Application

- For single-wing hinged gates
- For a wing width of max. 3.500 mm
- For a wing height of max. 2.500 mm
- Max. 50% covered wing surface
- For a wing weight of max. 200 kg
- Gradient up to max. 2%
- e-measurement from -30 to 320 mm
- For stability purposes of the closed gate wings we recommend a mechanical stop for the "Closed" gate position
- The gate details listed above are not binding recommendations for easily movable gates; at higher wind loads the wind and drive moments must be checked
- Not for industrial use

Comfort

Digital

Command

Control

Special

Parc 100

Comfort 515 L

2.04 Operator system for hinged gates



[E O S] EASY OPERATING SYSTEM

Hall-Sensor-Technic

Comfort 515 L, double-wing version

Article	Article no.	Price each
Motor unit Comfort 515 L double-wing version, anthracite grey	83 064	

Package

- Two motor units Comfort 515 L, pre-cabled with multibit remote control, 868 MHz
- Separate control unit Control x.51
- Digital 304 Mini hand transmitter, 4-channel
- Fittings, gate and post brackets (die-casted and blue chrom plated)
- Mounting material

Electrical details

Nominal voltage	230 V
Nominal frequency	50/60 Hz
Power consumption	1 A
Power input in operation	0,2 KW
Power input stand-by	< 5 W
Operation mode (duty cycle)	KB 5 min.
Control voltage	24 V DC
Protection category	(motor unit) IP 44 (control unit) IP 65
Protection class	II

Mechanical details

Push and pull force	1.000 N
Door travel speed	15 – 20 mm/sec.
Opening time (gate-specific)	approx. 15 – 25 sec.
Length of travel	600 mm

General details

Measurements	(motor unit) 122 x 198 x 955 mm (control unit) 120 x 240 x 100 mm
Weight (total)	13,0 kg
Range of temperature	-20°C to +60°C

Function

- Economy mode
- Electronic operation of final positions by means of hall sensor
- Soft start/soft stop
- Excess travel stop
- Release
- Connection pushbuttons, code keypads and key switches
- Connection photocell 'Open' and 'Close'
- Connection signal light 24 V DC
- Connection electrical lock 24 V DC
- Connection closing edge safety device 8,2 kΩ 'Open' and 'Close'
- Integrated evaluation 8,2 kΩ
- Back-up compatible in connection with back-up 400/700 (only with Control x.51 from serial no. 5000059174)
- Connection battery back-up
- Automatic cut-out 'Open' and 'Close' separately programmable
- Walk-in wing function programmable (only for double-wing version)
- Gate travel speed programmable
- Soft run speed 'Open' and 'Close' programmable
- Automatic timer function
- Programmable relay output: signal light, gate position 'Open'/'Close', wiping impulse – 1 second, malfunction, lighting
- Error message
- Reset function

Application

- For double-wing hinged gates
- For a wing width of max. 3.500 mm
- For a wing height of max. 2.500 mm
- Max. 50% covered wing surface
- For a wing weight of max. 200 kg
- Gradient up to max. 2%
- e-measurement from -30 to 320 mm
- For stability purposes of the closed gate wings we recommend a mechanical stop for the "Closed" gate position
- The gate details listed above are not binding recommendations for easily movable gates; at higher wind loads the wind and drive moments must be checked
- Not for industrial use

Comfort 515 accu

Operator system for hinged gates

2.05



[E O S] EASY OPERATING SYSTEM

NEW

Comfort 515 accu, single-wing version

Article	Article no.	Price each
Motor unit Comfort 515 accu single-wing version, anthracite grey optional: Retrofit kit solar	88 303	

Package

- Motor unit Comfort 515 accu, pre-cabled with multibit remote control, 868 MHz
- Separate control unit Control x.51 accu
- Accumulator unit with charge regulator
- Charger
- Digital 304 Mini hand transmitter, 4-channel
- Fittings, gate and post brackets (die-casted and blue chrom plated)
- Mounting material

Electrical details

Nominal voltage	24 V DC
Battery capacity	7,2 Ah
Power input in operation	0,2 KW
Power input stand-by	0,1 W
Operation mode (duty cycle)	KB 5 min.
Control voltage	24 V DC
Protection category	(motor unit) IP 44 (control unit) IP 65 (accumulator unit) IP 20
Protection class	III

Mechanical details

Push and pull force	1.000 N
Door travel speed	15 – 25 mm/sec.
Opening time (gate-specific)	approx. 15 – 25 sec.
Length of travel	400 mm

General details

Measurements	(motor unit) 122 x 198 x 755 mm (control unit) 120 x 240 x 100 mm (accumulator unit) 230 x 280 x 80 mm
Weight (total)	14,0 kg
Range of temperature	(motor unit) -20°C to +60°C (accumulator unit) -15°C to +45°C

Function

- Economy mode
- Electronic operation of final positions by means of hall sensor
- Soft start/soft stop
- Excess travel stop
- Release
- Connection pushbuttons, code keypads and key switches
- Connection photocell 'Open' and 'Close'
- Connection signal light 24 V DC
- Connection electrical lock 24 V DC
- Connection closing edge safety device 8,2 kΩ 'Open' and 'Close'
- Integrated evaluation 8,2 kΩ
- Automatic cut-out 'Open' and 'Close' separately programmable
- Walk-in wing function programmable (only for double-wing version)
- Gate travel speed programmable
- Soft run speed 'Open' and 'Close' programmable
- Automatic timer function
- Programmable relay output: signal light, gate position 'Open'/'Close', wiping impulse – 1 second, malfunction, lighting
- Error message
- Reset function

Application

- For single-wing hinged gates
- For a wing width of max. 2.500 mm
- For a wing height of max. 2.500 mm
- Max. 50% covered wing surface
- For a wing weight of max. 200 kg
- Gradient up to max. 2%
- e-measurement from -30 to 150 mm
- With the special fitting Special 505 an e-measurement up to 200 mm is possible
- For stability purposes of the closed gate wings we recommend a mechanical stop for the "Closed" gate position
- The gate details listed above are not binding recommendations for easily movable gates; at higher wind loads the wind and drive moments must be checked
- Not for industrial use
- Service life at 4 cycles per day
 - approx. 30 days at an ambient temperature of +20°C
 - approx. 23 days at an ambient temperature of 0°C
 - approx. 18 days at an ambient temperature of -15°C

Comfort 515 accu

2.06 Operator system for hinged gates



[E O S] EASY OPERATING SYSTEM

NEW

Comfort 515 accu, double-wing version

Article	Article no.	Price each
Motor unit Comfort 515 accu double-wing version, anthracite grey optional: Retrofit kit solar	88 304	

Package

- Two motor units Comfort 515 accu, pre-cabled with multibit remote control, 868 MHz
- Separate control unit Control x.51 accu
- Accumulator unit with charge regulator
- Charger
- Digital 304 Mini hand transmitter, 4-channel
- Fittings, gate and post brackets (die-casted and blue chrom plated)
- Mounting material

Electrical details

Nominal voltage	24 V DC
Battery capacity	7,2 Ah
Power input in operation	0,2 KW
Power input stand-by	0,1 W
Operation mode (duty cycle)	KB 5 min.
Control voltage	24 V DC
Protection category	(motor unit) IP 44 (control unit) IP 65 (accumulator unit) IP 20
Protection class	III

Mechanical details

Push and pull force	1.000 N
Door travel speed	15 – 25 mm/sec.
Opening time (gate-specific)	approx. 15 – 25 sec.
Length of travel	400 mm

General details

Measurements	(motor unit) 122 x 198 x 755 mm (control unit) 120 x 240 x 100 mm (accumulator unit) 230 x 280 x 80 mm
Weight (total)	19,0 kg
Range of temperature	(motor unit) -20°C to +60°C (accumulator unit) -15°C to +45°C

Function

- Economy mode
- Electronic operation of final positions by means of hall sensor
- Soft start/soft stop
- Excess travel stop
- Release
- Connection pushbuttons, code keypads and key switches
- Connection photocell 'Open' and 'Close'
- Connection signal light 24 V DC
- Connection electrical lock 24 V DC
- Connection closing edge safety device 8,2 kΩ 'Open' and 'Close'
- Integrated evaluation 8,2 kΩ
- Automatic cut-out 'Open' and 'Close' separately programmable
- Walk-in wing function programmable (only for double-wing version)
- Gate travel speed programmable
- Soft run speed 'Open' and 'Close' programmable
- Automatic timer function
- Programmable relay output: signal light, gate position 'Open'/'Close', wiping impulse – 1 second, malfunction, lighting
- Error message
- Reset function

Application

- For double-wing hinged gates
- For a wing width of max. 2.500 mm
- For a wing height of max. 2.500 mm
- Max. 50% covered wing surface
- For a wing weight of max. 200 kg
- Gradient up to max. 2%
- e-measurement from -30 to 150 mm
- With the special fitting Special 505 an e-measurement up to 200 mm is possible
- For stability purposes of the closed gate wings we recommend a mechanical stop for the "Closed" gate position
- The gate details listed above are not binding recommendations for easily movable gates; at higher wind loads the wind and drive moments must be checked
- Not for industrial use
- Service life at 4 cycles per day
 - approx. 15 days at an ambient temperature of +20°C
 - approx. 12 days at an ambient temperature of 0°C
 - approx. 10 days at an ambient temperature of -15°C

Comfort 515 L accu

Operator system for hinged gates

2.07



[E O S] EASY OPERATING SYSTEM

NEW

Comfort 515 L accu, single-wing version

Article	Article no.	Price each
Motor unit Comfort 515 L accu single-wing version, anthracite grey optional: Retrofit kit solar	88 305	

Package

- Motor unit Comfort 515 L accu, pre-cabled with multibit remote control, 868 MHz
- Separate control unit Control x.51 accu
- Accumulator unit with charge regulator
- Charger
- Digital 304 Mini hand transmitter, 4-channel
- Fittings, gate and post brackets (die-casted and blue chrom plated)
- Mounting material

Electrical details

Nominal voltage	24 V DC
Battery capacity	7,2 Ah
Power input in operation	0,2 KW
Power input stand-by	0,1 W
Operation mode (duty cycle)	KB 5 min.
Control voltage	24 V DC
Protection category	(motor unit) IP 44 (control unit) IP 65 (accumulator unit) IP 20
Protection class	III

Mechanical details

Push and pull force	1.000 N
Door travel speed	15 – 25 mm/sec.
Opening time (gate-specific)	approx. 15 – 25 sec.
Length of travel	600 mm

General details

Measurements	(motor unit) 122 x 198 x 955 mm (control unit) 120 x 240 x 100 mm (accumulator unit) 230 x 280 x 80 mm
Weight (total)	14,5 kg
Range of temperature	(motor unit) -20°C to +60°C (accumulator unit) -15°C to +45°C

Function

- Economy mode
- Electronic operation of final positions by means of hall sensor
- Soft start/soft stop
- Excess travel stop
- Release
- Connection pushbuttons, code keypads and key switches
- Connection photocell 'Open' and 'Close'
- Connection signal light 24 V DC
- Connection electrical lock 24 V DC
- Connection closing edge safety device 8,2 kΩ 'Open' and 'Close'
- Integrated evaluation 8,2 kΩ
- Automatic cut-out 'Open' and 'Close' separately programmable
- Walk-in wing function programmable (only for double-wing version)
- Gate travel speed programmable
- Soft run speed 'Open' and 'Close' programmable
- Automatic timer function
- Programmable relay output: signal light, gate position 'Open'/'Close', wiping impulse – 1 second, malfunction, lighting
- Error message
- Reset function

Application

- For single-wing hinged gates
- For a wing width of max. 3.500 mm
- For a wing height of max. 2.500 mm
- Max. 50% covered wing surface
- For a wing weight of max. 200 kg
- Gradient up to max. 2%
- e-measurement from -30 to 320 mm
- For stability purposes of the closed gate wings we recommend a mechanical stop for the "Closed" gate position
- The gate details listed above are not binding recommendations for easily movable gates; at higher wind loads the wind and drive moments must be checked
- Service life at 4 cycles per day
 - approx. 25 days at an ambient temperature of +20°C
 - approx. 20 days at an ambient temperature of 0°C
 - approx. 15 days at an ambient temperature of -15°C

Comfort 515 L accu

2.08 Operator system for hinged gates



[E O S] EASY OPERATING SYSTEM

NEW

Comfort 515 L accu, double-wing version

Article	Article no.	Price each
Motor unit Comfort 515 L accu double-wing version, anthracite grey optional: Retrofit kit solar	88 306	

Package

- Two motor units Comfort 515 L accu, pre-cabled with multibit remote control, 868 MHz
- Separate control unit Control x.51 accu
- Accumulator unit with charge regulator
- Charger
- Digital 304 Mini hand transmitter, 4-channel
- Fittings, gate and post brackets (die-casted and blue chrom plated)
- Mounting material

Electrical details

Nominal voltage	24 V DC
Battery capacity	7,2 Ah
Power input in operation	0,2 KW
Power input stand-by	0,1 W
Operation mode (duty cycle)	KB 5 min.
Control voltage	24 V DC
Protection category	(motor unit) IP 44 (control unit) IP 65 (accumulator unit) IP 20
Protection class	III

Mechanical details

Push and pull force	1.000 N
Door travel speed	15 – 25 mm/sec.
Opening time (gate-specific)	approx. 15 – 25 sec.
Length of travel	600 mm

General details

Measurements	(motor unit) 122 x 198 x 955 mm (control unit) 120 x 240 x 100 mm (accumulator unit) 230 x 280 x 80 mm
Weight (total)	19,5 kg
Range of temperature	(motor unit) -20°C to +60°C (accumulator unit) -15°C to +45°C

Function

- Economy mode
- Electronic operation of final positions by means of hall sensor
- Soft start/soft stop
- Excess travel stop
- Release
- Connection pushbuttons, code keypads and key switches
- Connection photocell 'Open' and 'Close'
- Connection signal light 24 V DC
- Connection electrical lock 24 V DC
- Connection closing edge safety device 8,2 kΩ 'Open' and 'Close'
- Integrated evaluation 8,2 kΩ
- Automatic cut-out 'Open' and 'Close' separately programmable
- Walk-in wing function programmable (only for double-wing version)
- Gate travel speed programmable
- Soft run speed 'Open' and 'Close' programmable
- Automatic timer function
- Programmable relay output: signal light, gate position 'Open'/'Close', wiping impulse – 1 second, malfunction, lighting
- Error message
- Reset function

Application

- For double-wing hinged gates
- For a wing width of max. 3.500 mm
- For a wing height of max. 2.500 mm
- Max. 50% covered wing surface
- For a wing weight of max. 200 kg
- Gradient up to max. 2%
- e-measurement from -30 to 320 mm
- For stability purposes of the closed gate wings we recommend a mechanical stop for the "Closed" gate position
- The gate details listed above are not binding recommendations for easily movable gates; at higher wind loads the wind and drive moments must be checked
- Not for industrial use
- Service life at 4 cycles per day
 - approx. 12 days at an ambient temperature of +20°C
 - approx. 10 days at an ambient temperature of 0°C
 - approx. 8 days at an ambient temperature of -15°C



NEW

Accumulator 700

Article	Article no.	Price each
Replacement rechargeable battery	87 785	

Package

- Accumulator unit with charge regulator
- Mounting material
- Sales unit: 1 no.

Function / Application

- For power supply of the accu-operator systems with Control x.51 accu and x.81 accu
- Comfortable change of a discharged accumulator
- Service life depends on the operator system

Technical details / Specifications

Measurements (W x H x D)	230 x 280 x 80 mm
Weight (total)	6,7 kg
Battery capacity	7,2 Ah
Range of temperature	-15°C to +45°C
Protection class	IP 20



NEW

Retrofit kit solar

Article	Article no.	Price each
Retrofit kit solar	83 252	

Package

- Solar module
- Mounting material
- Sales unit: 1 no.

Function / Application

- For retrofitting the accu-operator systems with Control x.51 accu and x.81 accu for power supply from solar module

Technical details / Specifications

Measurements (W x H x D)	600 x 350 x 120 mm
Weight (total)	6,0 kg
Range of temperature	-20°C to +60°C

Comfort

Digital

Command

Control

Special

Parc 100



NEW

back-up 400

Article	Article no.	Price each
Battery-back-up for all back-up compatible Marantec operator systems for mounting of gates	87 787	

Package

- Accumulator unit with charge regulator
- Connecting cable
- Sales unit: 1 no.

Function / Application

- For emergency power supply of the operator systems with Control x.51 and x.81, retrofittable (only with Control x.51 from serial no. 5000059174 onwards and with Control x.81 from serial no. 5000059844 onwards)
- Service life (battery back-up mode) at an ambient temperature of +20°C
 - max. 10 cycles within 1 day

Technical details / Specifications

Measurements (W x H x D)	120 x 240 x 100 mm
Weight	4,7 kg
Battery capacity	4,5 Ah
Range of temperature	-15°C to +45°C
Protection category	IP 65



NEW

back-up 450

Article	Article no.	Price each
Battery back-up for Comfort 870 back-up compatible	88 436	

Package

- Accumulator unit with charge regulator
- Connecting cable
- Mounting material
- Sales unit: 1 no.

Function / Application

- For retrofitting in the housing of Comfort 870
- For emergency power supply of the operator system Comfort 870, from serial no. 500006164 onwards
- Service life (battery back-up mode) at an ambient temperature of +20°C
 - 10 cycles in 24 hours

Technical details / Specifications

Measurements (W x H x D)	155 x 125 x 120 mm
Weight	4,7 kg
Battery capacity	4,5 Ah
Range of temperature	-15°C to +45°C

Comfort

Digital

Command

Control

Special

Parc 100