



## VANTAGE LINEAR SWING GATE OPERATORS

Boasting tough-as-nails die-cast aluminium construction throughout, a grade 304 stainless steel wormshaft for the ultimate in reliability and durability and with sophisticated electronics for smooth, safe operation, **VANTAGE** gives you everything you need to swing the future your way.

- VANTAGE 400:** Robust swing gate motor boasting tough aluminium and stainless steel construction throughout for the ultimate in reliability and durability.
- VANTAGE 500:** Extended stroke for large domestic and industrial swing gates.

**VANTAGE**

### MAIN FEATURES

#### Mechanical Features

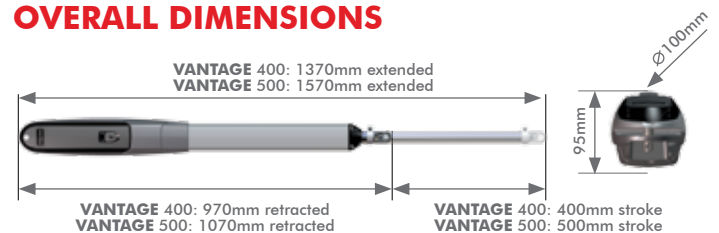
- Battery backup
- Linear actuator system for quick and easy installation
- Wallbox includes LED Gate Status Output and reliable anti-tamper switch
- Safe anti-crushing protection
- High push force to handle large gates and offer greater reliability in high-wind conditions
- Fast operating speed, with smooth acceleration and deceleration
- In-line design for improved aesthetic appeal

#### Electronic Features

- Onboard gate lock drive – can be configured to provide either a normally-open or normally-closed output, AC or DC
- Safe anti-crushing protection for greater safety – keep your children, pets and vehicles out of harm's way
- Quadra-drive technology – Soft Start and Stop and gate speed is adjustable in both directions
- LCD interface for exceptionally easy setup

- Diagnostic screens indicating:
  - Battery-low
  - Battery charge level
  - See Diagnostics Made Easy booklet for further details
- Supports inward- and outward-opening gates without needing mechanical endstops
- Multiple operating features including Intruder-detection Alarms (a world first)
- Onboard CentSys code-hopping multichannel receiver with selective add and delete - operate a multitude of functions; for e.g. operate gate, switch on Pillar Light, Pedestrian Opening, etc.

### OVERALL DIMENSIONS



Centurion is a Company of the  
FAAC Simply Automatic Business Unit

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**FAAC**  
Simply automatic.

50  
YEARS  
1965 | 2015

  
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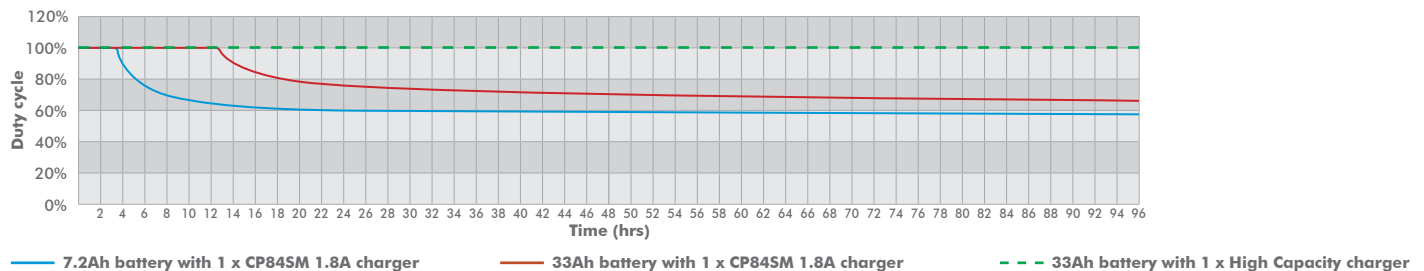
## TECHNICAL SPECIFICATIONS

| Technical Data   | VANTAGE 400  | VANTAGE 500  |
|--|--|--|
| Input voltage <sup>1, 3</sup>                            | 240V AC ±10%, 50Hz   | 240V AC ±10%, 50Hz   |
| Motor voltage  | 12V DC   | 12V DC   |
| Motor power supply <sup>2</sup>                          | Battery-driven (standard capacity - 7Ah)                     | Battery-driven (standard capacity - 7Ah)                     |
| Battery charger <sup>1</sup>                             | CP84SM - 1.8A @ 13.7V  | CP84SM - 1.8A @ 13.7V  |
| Current consumption (mains)                              | 170mA  | 170mA  |
| Current consumption (motor at rated load)                | 3/13A  | 3/13A  |
| Current consumption (quiescent load)                     | 70mA   | 70mA   |
| Operator push force - maximum                            | 220kgf   | 220kgf   |
| Operator stroke  | 400mm  | 500mm  |
| Maximum leaf width for corresponding gate mass           | 2m/500kg   | 2m/750kg   |
| Maximum leaf width for corresponding gate mass           | 4m/200kg   | 4m/310kg   |
| Gate opening time - typical                              | 14 sec   | 17.5 sec   |
| Duty cycle <sup>7</sup>                                  | Up to 100%   | Up to 100%   |
| Design life  | 150 000 cycles   | 150 000 cycles   |
| Operations in standby with standard battery <sup>4</sup> |  |  |
| Half day   | 100 cycles   | 80 cycles  |
| Full day   | 80 cycles  | 70 cycles  |
| Collision sensing  | Electronic   | Electronic   |
| Operating temperature                                    | -15°C to +50°C   | -15°C to +50°C   |
| Degree of protection                                     | IP55   | IP55   |
| Controller incorporated                                  | V-Series in separate wallbox                                 | V-Series in separate wallbox                                 |
| Onboard receiver type                                    | NOVA rolling code (Keeloq™ encryption) onboard, multichannel | NOVA rolling code (Keeloq™ encryption) onboard, multichannel |
| Receiver frequency                                       | 433.92MHz  | 433.92MHz  |
| Receiver code storage capacity                           | 60 transmitter buttons                                       | 60 transmitter buttons                                       |
| Mass of unit packed                                      |  |  |
| Single kit   | 10.5kg   | 11kg   |
| Double kit   | 19kg   | 20kg   |
| Packaging dimensions                                     |  |  |
| Single operator <sup>6</sup>                             | Length: 1125mm x Width: 335mm x Height: 270mm                | Length: 1125mm x Width: 335mm x Height: 270mm                |

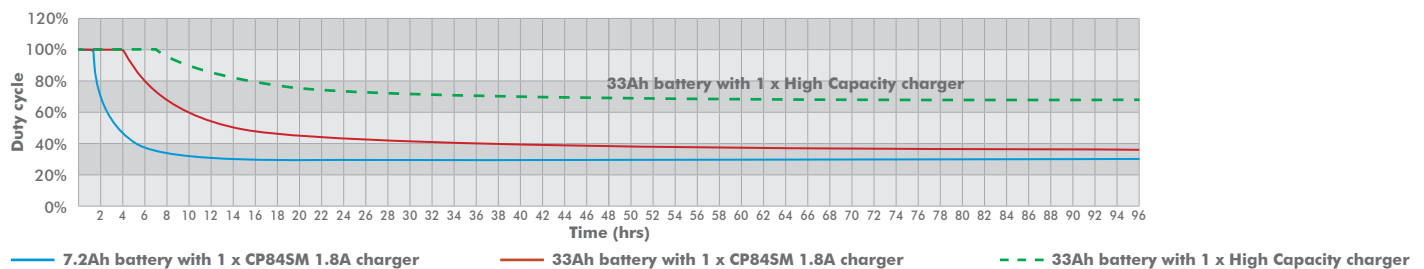
- Can operate off a solar supply, consult CentSys for assistance
- Plug-in transformer
- Solar panel
- Can increase battery capacity for longer standby times

- To secure gate, a lock is recommended when gate is closed
- Dimensions of the kit of components packed together
- See tables duty cycles tables below

## VANTAGE SINGLE OPERATOR DUTY CYCLE AS A FUNCTION OF OPERATING TIME



## VANTAGE DUAL OPERATOR DUTY CYCLE AS A FUNCTION OF OPERATING TIME



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