



## 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

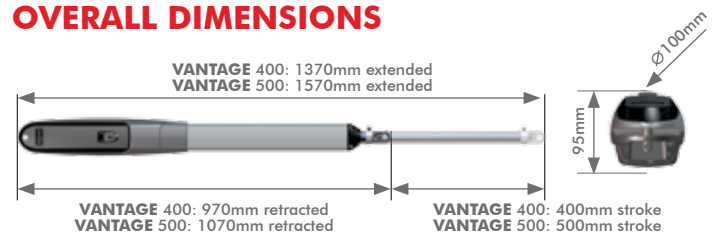
- Battery backup
- Linear actuator system for quick and easy installation
- Wallbox includes LED Gate Status Output and reliable anti-tamper switch
- Safe anti-crushing protection
- High push force to handle large gates and offer greater reliability in high-wind conditions
- Fast operating speed, with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

**FAAC**  
*Simply automatic.*

50  
YEARS  
1965 | 2015

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**CENTSYS**

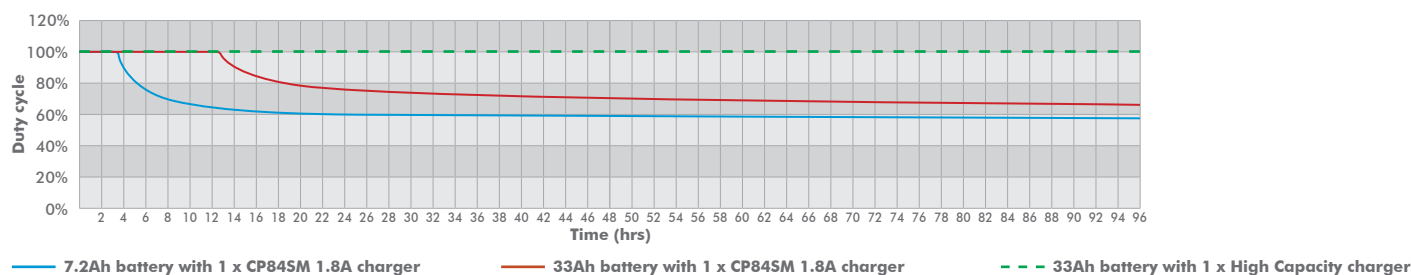
## TECHNICAL SPECIFICATIONS

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

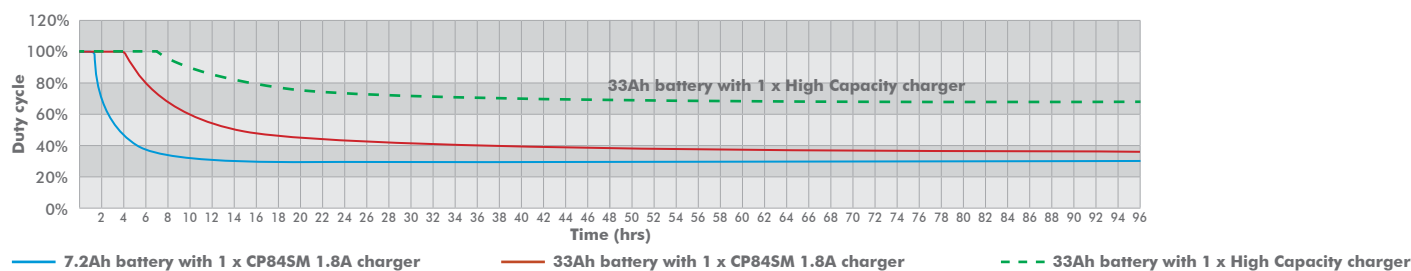
- Can operate off a solar supply, consult CentSys for assistance
- Plug-in transformer
- Solar panel
- Can increase battery capacity for longer standby times

- 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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