

Airdrive68 Series Product Overview

	Airdrive68NG/FR [*]	Airdrive68NG	Airdrive68NG/ ^{**} Cristal	Airdrive68NG/H	Airdrive68PR
Opening width - single panel	800 - 2000 mm	800 - 2000 mm	800 - 2000 mm	800 - 2000 mm	800 - 2000 mm
Opening width - double panel	1000 - 3000 mm	1000 - 3000 mm	1000 - 3000 mm	1000 - 3000 mm	1000 - 3000 mm
Max leaf weight, single	1 x 150 Kg	1 x 150 Kg	1 x 150 Kg	1 x 170 Kg	1 x 150 Kg
Max leaf weight, double	2 x 135 Kg	2 x 135 Kg	2 x 135 Kg	2 x 150 Kg	2 x 135 Kg
Operator height	68 mm	68 mm	68 mm	68 mm	68 mm
Operator depth	135 mm	135 mm	135 mm	135 mm	135 mm
Opening speed	Variable up to 0.9 m/s (Double leaves)	Variable up to 0.9 m/s (Double leaves)	Variable up to 0.9 m/s (Double leaves)	Variable up to 0.9 m/s (Double leaves)	Variable up to 0.9 m/s (Double leaves)
Closing speed	Variable up to 0.9 m/s (Double leaves)	Variable up to 0.9 m/s (Double leaves)	Variable up to 0.9 m/s (Double leaves)	Variable up to 0.9 m/s (Double leaves)	Variable up to 0.9 m/s (Double leaves)
Hold-open time	0 - 30 s	0 - 30 s	0 - 30 s	0 - 30 s	0 - 30 s
Ambient temperature	-15 to + 50°C	-15 to + 50°C	-15 to + 50°C	-15 to + 50°C	-15 to + 50°C
Protection class	IP 20	IP 20	IP 20	IP 20	IP 20
Track profile	Stainless Steel / Aluminium	Stainless Steel / Aluminium	Stainless Steel / Aluminium	Stainless Steel / Aluminium	Stainless Steel / Aluminium
Anti-noise rubber profile	✓	✓	✓	✓	✓
External protected power supply	✓	✓	✓	✓	-
Power supply unit	230V / 24V, 130VA	230V / 24V, 130VA	230V / 24V, 130VA	230V / 24V, 260VA	230V / 24V, 130VA
Gear motor power	100 W	100 W	100 W	100 W	100 W
Number of motors	2	1	1	2	1
Number of control units	2	1	1	1	1
Roller carriages per leaf	2	2	2	3	2

* Escape version

**When calculating the door leaf weight please allow 2.5kg for every m² of glass per 1mm thickness of glass thickness. Allow for the weight of fittings too.

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Dual gear motor & control unit set for master & slave concept	✓	-	-	-	-
Max power consumption	250 W	250 W	250 W	500 W	250 W
Backup battery for emergency opening	✓	-	-	-	-
Max operation cycles with 2.2 Ah battery (Optional)	-	≈400	≈400	≈400	≈400
Possibility to adjust force limitation according to DIN18650 & EN16005	✓	✓	✓	✓	✓
Possibility to use safety sensors with testing signal	✓	✓	✓	✓	✓
Emergency exit routes in both directions	✓	-	-	-	-
Mechanical key switch (Optional)	✓	✓	✓	✓	✓
24V DC output for external accessories	✓	✓	✓	✓	✓
Power Lock	✓	✓	✓	✓	✓
Electromechanical Lock (Optional)	✓	✓	✓	✓	✓
Lock monitoring	✓	✓	✓	✓	✓
Possibility of using digital programme switch (Optional)	✓	✓	✓	✓	✓
Read-out error memory with error codes (with digital programme switch)	✓	✓	✓	✓	✓
Programmable output (Optional)	✓	✓	✓	✓	✓
Programmable input (Optional)	✓	✓	✓	✓	✓
Possibility of using DMS & DMS+ (Door management system)	✓	✓	✓	✓	-
Max Glass Thickness (mm)	TBS,UTS,Air-TBS =22 mm	TBS,UTS,Air-TBS = 22mm Saturn=10 mm Frameless= 12mm	12 mm	TBS,UTS,Air-TBS =22mm Saturn=10 mm Frameless= 12mm	TBS,UTS,Air-TBS =22mm Saturn=10 mm Frameless= 12mm

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Standard	Airdrive68NG/FR [*]	Airdrive68NG	Airdrive68NG/Cristal ^{**}	Airdrive68NG/H	Airdrive68PR
DIN 18650	✓	✓	✓	✓	✓
EN 16005	✓	✓	✓	✓	✓
EN 60335	✓	✓	✓	✓	✓
EN ISO 13849	✓	✓	✓	✓	✓
EU low voltage directives	✓	✓	✓	✓	✓
EU EMC directives	✓	✓	✓	✓	✓
ISO 9001	✓	✓	✓	✓	✓
CE conformity	✓	✓	✓	✓	✓
1.000.000 cycles durability test	✓	✓	✓	✓	✓

* Escape version

Frame Types

TBS	✓	✓	-	✓	✓
UTS	✓	✓	-	✓	✓
Saturn	-	✓	-	✓	✓
Frameless	-	✓	✓	✓	✓

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