CENTSYS

Sliding Gate Operator Quick Selection Guide

Technical Data	Domestic			Light- industrial	Industrial				
	D2 Turbo	D2 Turbo Low-Voltage	D5-Evo Low-Voltage	D5-Evo	D10 Turbo	D10	A10 Endurance		A10 Heavyweight
Input voltage	220V-240V AC	10V-20V AC 10V-28V DC	15V-19V AC 21V-26V DC	220V-240V AC	220V-240V AC	220V-240V AC	220V-240V AC		220V-240V AC
Motor voltage		12V DC	12V DC				Three-phase inverter		Three-phase inverter
Motor power supply	Battery-driven 800mA charger	Battery-driven	Battery-driven	Battery-driven - 2A charger	Battery-driven - 2A charger	Battery-driven - 2A charger	Inverter		Inverter
Gate mass - max	250kg	250kg	500kg	500kg	240kg-1000kg ²	1000kg	Standard Speed	Sprint Speed	2000kg
							1000kg	600kg	
Push force – rated	9kgf ³	9kgf ³	17kgf ³	17kgf ³	15kgf ³	30kgf ³	30kgf ³	22.5kgf ³	35kgf ³
Gate speed at push force <5kgf	24m/min	24m/min	22m/min	22m/min	50m/min	26m/min	-	-	-
Gate speed at rated push force	22m/min	22m/min	18m/min	18m/min	45m/min	22m/min	16m/min	30m/min	13.6m/min
Duty cycle - mains present	50% ³	50% ³	20% ³	50% ³	25% ³	45% ³	80%		80%
Daily operations - max	Motor life expectancy: 10 years ⁴	Motor life expectancy: 10 years ⁴	55 ⁵	150 ⁵	750 ^{5,6}	750 ^{5,6}	Only limited by duty cycle		Only limited by duty cycle

^{1. 220}V - 240V AC



Three-phase AC motor driven via frequency inverter operates off single phase power supply

Solar power may also be used

^{2.} Dependant on gate running speed

^{3.} Based on a 25°C ambient and unit not in direct sunlight longer power f

^{4.} At 10 operations per day

Battery driven typically using a 7Ah (5Ah-D2 Turbo) battery and a charger (Battery can be upgraded for longer power failure autonomy - mounted seperately.

^{6.} With a brush replacement interval of two years