

Datasheet Irisimo Plus Wirefree		Range	Irisimo Plus WireFree 35 RTS	
		Part no.		1240407
		Technology		RTS
Motor mechanical characteristics	Nominal torque	Nm	0.6	
	Maximum stall torque	Nm	0.8	
	No load speed	rpm	105	
	Nominal speed	rpm	105	
	Working temperature	°C (°F)	0°C to +60°C 85%HR at 35°C (+32°F to +140°F 85%HR at 95°F)	
	Storage temperature (for motor only)	°C (°F)	-30°C to +80°C 85%HR at 35°C (-22°F to +176°F 85%HR at 95°F)	
	Storage temperature (Battery pack)< 3 months	°C	0 - 35	
	Storage temperature (Battery pack)> 3 months	°C	15 - 25	
	Manual operation		YES	
	Type of limit		Adjustable limits	
	Limit switch accuracy	mm	±10	
	Protection index	IP	30	
	Soft stop		No	
	Soft start		No	
	Electrical characteristics	Noise level (Power) ⁽³⁾	dB(A)	41
Noise level (Pressure) ⁽³⁾		dB(A)	38	
Current (Sleep mode)		mA	<0.2mA	
Current (wakeup mode)		mA	8~9mA	
Approx. Net weight of the motor		g	1024	
Voltage range		Vac	NA	
Frequency range		Hz	NA	
Stand by power		W	< 0.003	
Power adapter Current		A	NA	
Power adapter Voltage		Vdc	NA	
Battery pack capacity		mAh	2000	
Charging temperature		°C	0 - 40	
Charge time		hour	<9	
Power cable type			NA	
Power cable number of wire			NA	
Power cable wire section (Ø)		mm ²	NA	
Control connector			NA	
Control method			RTS remote control	
Dry contact minimum closure time		ms	NA	
Voltage in control line (supplied by the motor)		V	NA	
Maximum voltage drop in DCT control line		V	NA	
Insulation class			Class III	
Maximum running time in one direction ⁽⁴⁾			2min 30s	
Radio Characteristics		Radio standards		EN 301 489-3, EN 300 220-3
		Radio protocol		Somfy RTS protocol U80
	Radio frequency	MHz	433,42 ± 0,1	
	Receiver sensitivity	dBm	-103	
	Modulation type		ASK type A1 (amplitude modulation)	
	Radio range	m	200 m in free field	
	Antenna		Integrated	
	Rolling code		65536 codes	
	Number of RTS transmitter		12 maximum	
	Standards & Patents	Certifications		CE, CB
Patents			Patents pending	

⁽¹⁾ Values given at different speed regulation settings (20 / 17,5 / 15 / 12,5 cm/s)

⁽²⁾ Maximum speed at nominal torque

⁽³⁾ Indicative and according to SOMFY measurement standards

⁽⁴⁾ Repeatedly operating the motor for extended periods may trigger thermal protection, which will require time to lower to room temperature.