



Powered Blinds

Power Requirements Table

Power Supplies and Controls

When choosing controls and power supplies, it is necessary to take into account how much power is needed, and therefore which device to use. When designing a system, it may help to think of ALL the controls as switches. So, a switch can be operated by the finger, a Radio Wave or a flash of Infra Red light.

The constraints of how many blinds may be operated by each switch are determined by how much power they are able to handle. For a manual switch this is called the “contact rating”.

Table 1

Technology	Device	Max No of Blinds*
	Switch	
Hard wired	Rocker Switch	4
Infra-Red	IRS 300	3
Radio	RTS 25DC	2
	Module RTS	2
	Power Supplies (PSU)	
All	GPS 30	2
	GPS 100	7
	Power 2.5 DC	4
	Combined PSU and Control	
Infra-Red	GPS 1020 (used in conjunction with sensor IR3)	7
Radio	Power 2.5 DC RTS	4
	Transmitters	
Infra-Red	IRT 103 (Single Channel)	
	IRT 803 (Eight Channel)	
Radio	Telis 1 RTS (Single Channel)	
	Telis 4 RTS (Four Channel)	
	Centralis RTS (Single Channel Wall Mounted)	

* Note: certain large blinds may use two motors, hence the number of blinds controlled will be less