



## Fairford Electronics Soft Starter Comparison



	QFE	XFE	DFE	MFE
<b>Motor Power Ratings @400V (kW)</b>	4 - 900	2.2 - 900	11 - 280	2.2 - 45
<b>Motor Full Current (A)</b>	9 - 1800	5 - 1800	22 - 500	5 - 90
<b>Operational Voltage (VAC)</b>	230 - 690	230 - 690	230 - 460	230 - 460
<b>Control Voltage</b>	115 or 230 (VAC)	115 or 230 (VAC)	24 VDC	Internal
<b>Automatic Setup</b>	Yes	Yes	No	Yes
<b>Automatic Features</b>	Yes	Yes	No	Yes
<b>Adjustable Start Time (S)</b>	0 - 255	0 - 255	0 - 12	1 - 15
<b>Start Pedestal</b>	Yes	Yes	Yes	Yes
<b>Adjustable Stop Time (S)</b>	0 - 255	0 - 255	0 - 12	0 - 15
<b>Stop Pedestal</b>	Yes	Yes	Yes	Yes
<b>Kick Start</b>	Yes	Yes	No	Yes
<b>Current Limit</b>	STD	STD	STD	STD
<b>Energy Optimising</b>	Yes	Yes	No	No
<b>LCD Display (Alphanumeric)</b>	Yes	Yes	No	No
<b>Keypad</b>	Yes	Yes	No	No
<b>Communications</b>	Yes	Yes	No	No
<b>Remote Keypad Option</b>	Yes	Yes	No	No
<b>Internally By-passed</b>	No	No	Yes	No
<b>Ingress Protection</b>	IP20 9 - 900A IP00 400 - 1800A	IP20 5 - 430A IP00 500 - 1800A	IP20 to 97A IP00 to 500A	IP20 or IP43
<b>Programmable Digital Inputs</b>	Yes	Yes	No	No
<b>Programmable Relay Outputs</b>	Yes	Yes	No	No
<b>Programmable Analogue Outputs</b>	Yes	Yes	No	No
<b>Thyristor and Phase Loss Protection</b>	Yes	Yes	Yes	Yes
<b>Under Current Trip</b>	Yes	Yes	No	No
<b>Thermistor Trip</b>	Yes	Yes	No	No
<b>Over Current 'Shear Pin' protection</b>	Yes	Yes	No	Yes
<b>Adjustable Overload</b>	Yes	Yes	No	No
<b>Static Load Control</b>	Yes	No	No	No