



# When the Stakes are High, Consider It Solved

- **Emerson Motor Technologies announces a new family of motor drives.**
- **This family of drives is a culmination of many years of development resulting in a revolutionary new design.**
- **These drives will certainly become the industry standard of the future.**



The new feature rich standalone drive is designed to be a out of the box solution which gets you up and running in minimal time. The new standalone drive is not just one drive but is a family of three drives, ranging in power from 700Watts to 2.5KW. With a wide variety of communications packages, there is bound to be one that suits most requirements, no matter how demanding.

## Features

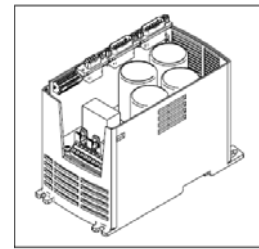
- Wide range of input voltages
- BLDC or Induction motor types
- 6 communications options
- RoHS Compliant
- Easily Configurable
- Multiple encoder options
- Dedicated connections
- Onboard port for future expansion
- PC based Software Interface Tool for parameter changing



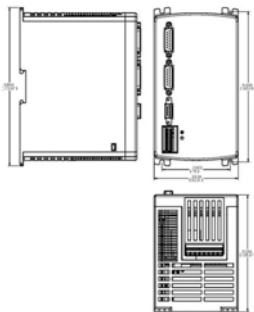
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# Specifications



Specifications	700 Watt Drive	1100 Watt Drive	2500 Watt Drive
Horsepower	1 HP	1.5HP	3.5HP
Input Voltage	110 VAC, 230 VAC	110 VAC, 230 VAC	230 VAC
Phase	Single	Single	Single
Carrier Frequency	20 kHz	20 kHz	20 kHz
Maximum Output Frequency	200Hz (TBC)	200Hz (TBC)	200Hz (TBC)
Programming Parameters	Software Dependant	Software Dependant	Software Dependant
EPM Programmer	Yes	Yes	Yes
Accel/Decel Time	User selectable	User Selectable	User Selectable
Preset Speeds	2 Software programmable	2 Software programmable	2 Software programmable
<b>Control I/O</b>			
Computer interface software	Option	Option	Option
<b>Communication</b>			
Analog	Yes	Yes	Yes
Serial	CAN	Option	Option
	I <sup>2</sup> C	Option	Option
	RS232	Option	Option
	RS485	Option	Option
	SPI	Option	Option
Tacho output	Yes	Yes	Yes
SPI Expansion Connection	Option	Option	Option
Encoder	Hall	Standard	Standard
	Single Ended	Option	Option
	Differential	Option	Option
Display	Option	Option	Option
Motor Overload Capacity	1.75 (module dependant)	1.75 (module dependant)	1.5 (module dependant)
Analog Outputs	2	2	2
Digital Outputs	1	1	1
PI Control	Yes	Yes	Yes
Cooling	Convection	Convection	Convection / Fan
Size (LxWxH) inches	7x5x4	7x5x4	7x5x4 (+fan)
Weight approx)	1.7 LBS (0.65KG)	1.7 LBS (0.65KG)	1.8 LBS (0.67KG)



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