

# Chapter 9 TECHNICAL SPECIFICATIONS

## Understanding the Product Code

### Model Number (Europe)

The unit is fully identified using a four block alphanumeric code which records how the drive was calibrated, and its various settings when despatched from the factory.

The Product Code appears as the “Model No.” on the product rating label. Each block of the Product Code is identified as shown below.

The example below shows this is a Frame 2 650V, 230v single phase, 1.5kW, no auxiliary supply, no brake switch, no filter, RS232 port fitted, panel mounted, no special options, English 50Hz, 6511 keypad option fitted.

		Block 1	Block 2	Block 3	Block 4
		650V	- 21	1700 2 0	- 0 0 1 P 00 - A 1
<b>Example:</b>		650V	- 21	1700 2 0	- 0 0 1 P 00 - A 1
<b>Family</b>	650V Sensorless vector range	650V			
	Supply	Heavy Duty	Standard Duty	Frame	
	Voltage kW/A HP/A	kW/A HP/A	Size		
<b>Rating Data</b>	230v 1phase			21	
	0.25/1.5 0.3/1.5		1	1150 1	
	0.37/2.2 0.5/2.2		1	1220 1	
	0.55/3.0 0.75/3.0		1	1300 1	
	0.75/4.0 1.0/4.0		1	1400 1	
	1.1/5.5 1.5/5.5		2	1550 2	
	1.5/7.0 2/7.0		2	1700 2	
	230v 1/3phase			22	
	2.2/9.6 3.0/9.6		3	1960 3	
	230v 3phase			23	
	3/12.3 4/12.3		3	2123 3	
	4/16.4 5/16.4		3	2164 3	
	400/460v 3phase			43	
	0.37/1.5 0.5/1.5		2	1150 2	
	0.55/2.0 0.75/2.0		2	1200 2	
	0.75/2.5 1/2.5		2	1250 2	
	1.1/3.5 1.5/3.5		2	1350 2	
	1.5/4.5 2/4.5		2	1450 2	
	2.2/5.5 3/5.5		2	1550 2	
	3/6.8 4/6.8		3	1680 3	
	4/9 5/9		3	1900 3	
	5.5/12 7.5/12		3	2120 3	
	7.5/16 10/16		3	2160 3	
<b>Auxiliary supply</b>	Not required (frames 1-3 & frames C-E)			0	
	115v 1ph (Frame F only)			1	
	230v 1ph (Frame F only)			2	
<b>Brake Switch</b>	Not Fitted (mandatory on F 1 & F 2 230v , optional on Frames D-F)			0	
	Fitted (mandatory on F 2 400v & all F 3 & C, optional on Frames D-F)			B	
<b>Filter</b>	Not fitted (Optional on frames 1-3, mandatory on frames C-F)			0	
	Filter fitted (Optional on frames 1-3 only)			F	
<b>Comms</b>	RS232 port fitted			1	
	RS232 + RS485 ports fitted (Frames C-F only)			2	
<b>Mechanical style</b>	Panel Mount				P
	Wall Mount (option on Frames C-E only)				W
	Through Panel Mount (Option on Frames C-E only)				T
<b>Special Option</b>	None				00
	Documented special options (01-99)				
<b>Destination</b>	English (50Hz)				A
	English (60Hz)				B
	German				D
	Spanish				E
	French				F
	Italian				I
	Swedish				S
<b>Keypad</b>	None				0
	6511 TTL fitted (option on frames 1-3 only)				1
	6511 RS232 fitted (option on frames 1-3 only)				2
	6521 fitted (option on Frames C-F only)				3

## 9-2 Technical Specifications

### US Catalog Number & Legacy Product Code

The unit is identified using a 4 block alphanumeric code which records how the drive was calibrated, and its various settings when dispatched from the factory. All drives are in Standard Parker SSD Drives Livery and operate on 50/60Hz.

The Product Code appears as the “Cat No.”. Each block of the Product Code is identified as below:

650V/00F3/230/SNF  
 Block 1 2 3 4  
**example product code**

Frame 1, 2, 3 – Catalog Number (North America)		
Block No.	Variable	Description
1	650V	Generic product
2	XXXX	Four characters specifying the power output in Hp:  00F3 = 0.3Hp      01F5 = 1.5Hp      0005 = 5Hp 00F5 = 0.5Hp      0002 = 2Hp      0007 = 7Hp 00F7 = 0.75Hp      0003 = 3Hp      0010 = 10Hp 0001 = 1Hp
3	XXX	Three numbers specifying the nominal input voltage rating:  230    230 (±10%) 50/60Hz 460    380 to 460V (±10%) 50/60Hz
4	X	One character specifying the use of the Keypad:  S = Standard Keypad fitted R = Remote Keypad fitted
	X	Indicates if the drive is fitted with the Brake Switch  N = Brake switch not fitted (230V Frames 1 & 2) B = Brake switch fitted (460V Frames 2 & 3)
	X	One character specifying the use of the Internal RFI Filter:  N = Not fitted F = Internal Supply Filter fitted