Technical Specifications

The following tables summarise the technical specifications of the NL7-EC servo drive series. They cover the rated power, the supply voltage, the current rating, the feedback options, and the main performance data.

NL7-RS 220V Models

NL7-RSP Series Driver	NL7-RS400P	NL7-RS750P	NL7-RS1000P	NL7-RS1500P	NL7-RS2000P
Power Rating	400W	750W	1000W	1500W	2000W
Rated Current (Arms)	3.5	5.5	7.0	9.5	12
Peak Current (Arms)	9.5	16.6	18.7	31.1	36
Control circuit power supply Main power supply	1-Ph AC 200V-240V, -10% - +10%, 50/60Hz				
Cooling method	Air-cooled	Fan-cooled			
Dimension H*L*W(mm)	175*156*40	175*156*50		175*156*80	

NL7-RS 400V Models

NL7-RSFT series	NL7-RS750FT	NL7-RS1000FT	NL7-RS1500FT	NL7-RS2000FT	NL7-RS3000FT	NL7-RS4400FT	NL7-RS5500FT	NL7-RS7500FT
Rated Power(W)	750	1000	1500	2000	3000	4400	5500	7500
Rated Current (Arms)	2.7	3.5	5.4	8.4	11.9	16.5	20.8	25.7
Peak Current (Arms)	8.6	10.6	14.9	24.8	33.2	38.9	51.6	33.6
Size (mm)	55*175*179			80*175*179		89*250*230		
Main Power Supply	Three phase AC 380V~440V, -15%~+10%, 50/60Hz							
Control Circuit Power Supply	Single phase AC 380V~440V, -15%~+10%, 50/60Hz							

Reading the specifications

- The first table lists the drive ratings and electrical data for the available models. - The second table lists the functional specifications and the supported feedback types. - The values are nominal ratings; always verify the selected model against the application requirements (duty cycle, peak current, ambient temperature).

For the complete parameter list and detailed technical data, refer to the parameter dictionary page and the product manual.

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