

11.4 Default settings by inverter rating

Inverter type	Torque boost value	Dynamic braking resistance	Dynamic braking resistor capacity	Automatic torque boost value	Motor rated capacity	Motor rated current
	$F 1 1 2$ (%)	$F 3 0 8$ (Ω)	$F 3 0 9$ (kW)	$F 4 0 2$ (%)	$F 4 0 5$ (kW)	$F 4 1 5$ (A)
VFS15-2004PM-W1	6.0	200.0	0.12	6.2	0.40	2.00
VFS15-2007PM-W1	4.8	200.0	0.12	4.3	0.75	3.40
VFS15-2015PM-W1	4.8	75.0	0.12	4.4	1.50	6.40
VFS15-2022PM-W1	3.1	75.0	0.12	2.9	2.20	9.40
VFS15-2037PM-W1 *1	3.1	40.0	0.12	2.8	4.00	14.60
VFS15-2055PM-W1	2.5	15.0	0.44	2.3	5.50	21.40
VFS15-2075PM-W1	2.3	15.0	0.44	2.0	7.50	28.60
VFS15-2110PM-W1	1.8	7.5	0.88	1.6	11.00	42.00
VFS15-2150PM-W1	1.6	7.5	0.88	1.5	15.00	55.60
VFS15S-2002PL-W1	6.0	200.0	0.12	8.3	0.20	1.20
VFS15S-2004PL-W1	6.0	200.0	0.12	6.2	0.40	2.00
VFS15S-2007PL-W1	4.8	200.0	0.12	4.3	0.75	3.40
VFS15S-2015PL-W1	4.8	75.0	0.12	4.4	1.50	6.40
VFS15S-2022PL-W1	3.1	75.0	0.12	2.9	2.20	9.40
VFS15-4004PL-W1	6.0	200.0	0.12	6.2	0.40	1.00
VFS15-4007PL-W1	4.8	200.0	0.12	4.3	0.75	1.70
VFS15-4015PL-W1	4.8	200.0	0.12	4.4	1.50	3.20
VFS15-4022PL-W1	3.1	200.0	0.12	2.9	2.20	4.70
VFS15-4037PL-W1 *1	3.1	160.0	0.12	2.8	4.00	7.30
VFS15-4055PL-W1	2.5	60.0	0.44	2.3	5.50	10.70
VFS15-4075PL-W1	2.3	60.0	0.44	2.0	7.50	14.30
VFS15-4110PL-W1	1.8	30.0	0.88	1.6	11.00	21.00
VFS15-4150PL-W1	1.6	30.0	0.88	1.5	15.00	27.80

*1: When region setting is JP, $F 4 1 5$ is set to 3.7(kW).

Inverter type	Motor no-load current	Motor rated speed		Over-voltage stall protection level	Integrating wattmeter display unit selection
	<i>F 4 1 5</i> (%)	<i>F 4 1 7</i> (JP,USA) (min ⁻¹)	<i>F 4 1 7</i> (ASIA,EU) (min ⁻¹)	<i>F 5 2 5</i> (%)	<i>F 7 4 9</i>
VFS15-2004PM-W1	65	1710	1410	136	0
VFS15-2007PM-W1	55	1730	1440	136	0
VFS15-2015PM-W1	42	1740	1445	136	0
VFS15-2022PM-W1	50	1755	1460	136	0
VFS15-2037PM-W1	38	1755	1460	136	1
VFS15-2055PM-W1	41	1760	1465	136	1
VFS15-2075PM-W1	38	1755	1460	136	1
VFS15-2110PM-W1	38	1770	1475	136	1
VFS15-2150PM-W1	33	1760	1470	136	1
VFS15S-2002PL-W1	70	1710	1410	136	0
VFS15S-2004PL-W1	65	1710	1410	136	0
VFS15S-2007PL-W1	55	1730	1440	136	0
VFS15S-2015PL-W1	42	1740	1445	136	0
VFS15S-2022PL-W1	50	1755	1460	136	0
VFS15-4004PL-W1	65	1710	1410	141	0
VFS15-4007PL-W1	55	1730	1440	141	0
VFS15-4015PL-W1	42	1740	1445	141	0
VFS15-4022PL-W1	50	1755	1460	141	0
VFS15-4037PL-W1	38	1755	1460	141	1
VFS15-4055PL-W1	41	1760	1465	141	1
VFS15-4075PL-W1	38	1755	1460	141	1
VFS15-4110PL-W1	38	1770	1475	141	1
VFS15-4150PL-W1	33	1760	1470	141	1

11.5 Default settings by setup menu

Function		Title	Main regions			
			<i>EU</i> (Europe)	<i>RS 1R</i> (Asia, Oceania)	<i>USA</i> (North America)	<i>JP</i> (Japan)
Frequency		<i>UL1</i> <i>UL1</i> <i>F1701</i> <i>F2041</i> <i>F2131</i> <i>F2191</i> <i>F3301</i> <i>F3671</i> <i>F814</i>	50.0(Hz)	50.0(Hz)	60.0(Hz)	60.0(Hz)
Base frequency voltage 1, 2	240V class	<i>ULU/</i> <i>F171</i>	230(V)	230(V)	230(V)	200(V)
	500V class		400(V)	400(V)	460(V)	400(V)
V/F control mode selection		<i>PE</i>	0	0	0	2
Supply voltage correction (output voltage limitation)		<i>F307</i>	2	2	2	3
Regenerative over- excitation upper limit		<i>F319</i>	120	120	120	140
Motor rated speed		<i>F417</i>	Refer to section 11.4			

Note1) Refer to section 3.1 about setup menu.