

(4) Common applicable tools

Class	Motor Output (kW)	Inverter model	Power lines R,S,T U,V,W, P,PD,N (mm ²)	External resistor between P and RB (mm ²)	Screw size of Terminal	Torque (N•m)	Applicable Tools		
							Leak breaker (MCCB)		Electro-magnetic Controller (MC)
200V Class	5.5	N700E-055LF/075LFP	More than 6	6	M4	1.2	HBS60N	50A	HiMC32
	7.5	N700E-075LF/110LFP	More than 10	6	M4	1.2	HBS60N	50A	HiMC32
	11	N700E-110LF/150LFP	More than 16	6	M5	3.0	HBS100N	75A	HiMC50
	15	N700E-150LF/185LFP	More than 25	16	M5	3.0	HBS100N	100A	HiMC65
	18.5	N700E-185LF/220LFP	More than 30	16	M6	4.5	HBS225N	150A	HiMC80
	22	N700E-220LF	More than 35	16	M6	4.5	HBS225N	150A	HiMC110
400V Class	5.5	N700E-055HF/075HFP	More than 4	4	M4	1.2	HBS30N	30A	HiMC18
	7.5	N700E-075HF/110HFP	More than 4	4	M4	1.2	HBS30N	30A	HiMC18
	11	N700E-110HF/150HFP	More than 6	6	M4	1.2	HBS60N	50A	HiMC32
	15	N700E-150HF/185HFP	More than 10	10	M5	3.0	HBS100N	50A	HiMC40
	18.5	N700E-185HF/220HFP	More than 16	10	M5	3.0	HBS100N	75A	HiMC40
	22	N700E-220HF/300HFP	More than 25	10	M5	3.0	HBS100N	75A	HiMC50
	30	N700E-300HF/370HFP	More than 25	-	M6	4.5	HBS100N	100A	HiMC65
	37	N700E-370HF/450HFP	More than 35	-	M6	4.5	HBS225N	100A	HiMC80
	45	N700E-450HF/550HFP	More than 35	-	M8	6.0	HBS225N	150A	HiMC110
	55	N700E-550HF/750HFP	More than 70	-	M8	6.0	HBS225N	175A	HiMC130
	75	N700E-750HF/900HFP	More than 35x2	-	M8	6.0	HBS400N	225A	HiMC180
	90	N700E-900HF/1100HFP	More than 35x2	-	M8	6.0	HBS400N	225A	HiMC220
	110	N700E-1100HF/1320HFP	More than 50x2	-	M10	10.0	HBS400N	350A	HiMC260
	132	N700E-1320HF/1600HFP	More than 80x2	-	M10	10.0	HBS400N	350A	HiMC300
	160	N700E-1600HF/2000HFP	More than 90x2	-	M10	10.0	HBS400N	311A	HiMC400
	220	N700E-2200HF/2500HFP	More than 110x2	-	M10	10.0	HBS600N	427A	HiMC500
280	N700E-2800HF/3200HFP	More than 150x2	-	M10	10.0	HBS800N	544A	HiMC630	
350	N700E-3500HF/3800HFP	More than 180x2	-	M10	10.0	HBS800N	680A	HiMC800	

Table 2-6 Common applicable tools for N700E inverters(Heavy Duty)

Class	Motor Output (kW)	Inverter model	Power lines R,S,T U,V,W, P,PD,N (mm ²)	External resister between P and RB (mm ²)	Screw size of Terminal	Torque (N•m)	Applicable Tools		
							Leak breaker (MCCB)		Electro-magnetic Controller (MC)
200V Class	5.5		More than 6	6	M4	1.2	HBS60N	50A	HiMC32
	7.5	N700E-055LF/075LFP	More than 10	6	M4	1.2	HBS60N	50A	HiMC32
	11	N700E-075LF/110LFP	More than 16	6	M5	3.0	HBS100N	75A	HiMC50
	15	N700E-110LF/150LFP	More than 25	16	M5	3.0	HBS100N	100A	HiMC65
	18.5	N700E-150LF/185LFP	More than 30	16	M6	4.5	HBS225N	150A	HiMC80
	22	N700E-185LF/220LFP	More than 35	16	M6	4.5	HBS225N	150A	HiMC110
400V Class	5.5		More than 4	4	M4	1.2	HBS30N	30A	HiMC18
	7.5	N700E-055HF/075HFP	More than 4	4	M4	1.2	HBS30N	30A	HiMC18
	11	N700E-075HF/110HFP	More than 6	6	M4	1.2	HBS60N	50A	HiMC32
	15	N700E-110HF/150HFP	More than 10	10	M5	3.0	HBS100N	50A	HiMC40
	18.5	N700E-150HF/185HFP	More than 16	10	M5	3.0	HBS100N	75A	HiMC40
	22	N700E-185HF/220HFP	More than 25	10	M5	3.0	HBS100N	75A	HiMC50
	30	N700E-220HF/300HFP	More than 25	-	M6	4.5	HBS100N	100A	HiMC65
	37	N700E-300HF/370HFP	More than 35	-	M6	4.5	HBS225N	100A	HiMC80
	45	N700E-370HF/450HFP	More than 35	-	M8	6.0	HBS225N	150A	HiMC110
	55	N700E-450HF/550HFP	More than 70	-	M8	6.0	HBS225N	175A	HiMC130
	75	N700E-550HF/750HFP	More than 35x2	-	M8	6.0	HBS400N	225A	HiMC180
	90	N700E-750HF/900HFP	More than 35x2	-	M8	6.0	HBS400N	225A	HiMC220
	110	N700E-900HF/1100HFP	More than 50x2	-	M10	10.0	HBS400N	350A	HiMC260
	132	N700E-1100HF/1320HFP	More than 80x2	-	M10	10.0	HBS400N	350A	HiMC300
	160	N700E-1320HF/1600HFP	More than 80x2	-	M10	10.0	HBS400N	350A	HiMC300
	200	N700E-1600HF/2000HFP	More than 100x2	-	M14	10.0	HBS400N	389A	HiMC400
250	N700E-2200HF/2500HFP	More than 130x2	-	M14	10.0	HBS600N	486A	HiMC500	
320	N700E-2800HF/3200HFP	More than 160x2	-	M14	10.0	HBS800N	622A	HiMC630	
375	N700E-3500HF/3800HFP	More than 190x2	-	M14	10.0	HBS1000N	729A	HiMC800	

Table 2-7 Common applicable tools for N700E inverters(Normal Duty, P-type)