*Eu : Europe, *Am : America

N700E 5.5~350kW F.S. : Factory Setting *Data Type is unsigned integer16

Code Number	Function Name	parameter (Gr+Index)	R/W attribute	Init. Value	Min. Value	Max. Value	Scale	Unit
d01	Output frequency monitor	0x0101	R	0	0	40000	0.01	Hz
d02	Output current monitor	0x0102	R	0	0	40000	0.1	A
d03	Output voltage monitor	0x0103	R	0	0	40000	1	V
d04	Rotation direction monitor	0x0104	R	0	0	40000		
d05	PID Feedback monitor	0x0105	R	0	0	40000		
d06	Intelligent input terminal monitor	0x0106	R	0	0	40000		
d07	Intelligent output terminal monitor	0x0107	R	0	0	40000		
d08	Scaled output frequency monitor	0x0108	R	0	0	40000		
d09	Power consumption monitor	0x0109	R	0	0	40000		W
d10	Accumulated time monitor during RUN(Hr)	0x010a	R	0	0	40000		Hour
d11	Accumulated time monitor during RUN (Min)	0x010b	R	0	0	40000		Minute
d12	DC link voltage monitor	0x010c	R	0	0	40000	1	V
d13	Trip monitor 1, Source of Trip	0x010d	R	0	0	40000		
	Trip monitor 1, Frequency at Trip	0x010e	R	0	0	40000	0.01	Hz
	Trip monitor 1, Current at Trip	0x010f	R	0	0	40000	0.1	A
	Trip monitor 1, Vdc at Trip	0x0110	R	0	0	40000	1	V
d14	Trip monitor 2, Source of Trip	0x0111	R	0	0	40000		
	Trip monitor 2, Frequency at Trip	0x0112	R	0	0	40000	0.01	Hz
	Trip monitor 2, Current at Trip	0x0113	R	0	0	40000	0.1	A
	Trip monitor 2, Vdc at Trip	0x0114	R	0	0	40000	1	V
d15	Trip monitor 3, Source of Trip	0x0115	R	0	0	40000		
	Trip monitor 3, Frequency at Trip	0x0116	R	0	0	40000	0.01	Hz
	Trip monitor 3, Current at Trip	0x0117	R	0	0	40000	0.1	A
	Trip monitor 3, Vdc at Trip	0x0118	R	0	0	40000	1	V
d16	Trip monitor 4, Source of Trip	0x0119	R	0	0	40000		
	Trip monitor 4, Frequency at Trip	0x011a	R	0	0	40000	0.01	Hz
	Trip monitor 4, Current at Trip	0x011b	R	0	0	40000	0.1	A
	Trip monitor 4, Vdc at Trip	0x011c	R	0	0	40000	1	V
d17	Trip counter	0x011d	R	0	0	60000		
Intelligent input, output	Binary value input : (b15~b6 : reserved, b5:input 6, b4:input 5, b3:input 4, b2:input 3, b1:input 2, b0:input 1 output : (b15~b3 : reserved, b2:Alarm, b1:output 2, b0:output 1							
*Source of Trip	1: Over Current, 2: Over Voltage, 3:Low Voltage, 4: Arm short, 5: reserved 6:Inverter overheat, 7:Electric thermal trip ,8:External trip,9:EEPROM trouble,10:SERIEAL Communication trouble,11:USP trip,12:Ground Fault ,13: reserved 14: Inverter thermal overload 15: Input phase loss 18: BRD Fault							

Code Number	Function Name	parameter (Gr+Index)	R/W attribute	Init. Value	Min. Value	Max. Value	Scale	Unit
F01	Output frequency setting	0x0201	R/W	6000 0:*Eu 0:*Am	0	A04	0.01	Hz
F02	Acceleration time1 setting	0x0202	R/W	100	1	30000	0.1	Sec
F03	Deceleration time1 setting	0x0203	R/W	100	1	30000	0.1	Sec
F04	Rotation direction setting	0x0204	R/W	0	0	1		
Init value of F02,03	F02 : 30000(A59=0), 390(A59=1), 290(A59=2) F03 : 30000(A60=0), 390(A60=1), 290(A60=2)							

Code Number	Function Name	parameter (Gr+Index)	R/W attribute	Init. Value	Min. Value	Max. Value	Scale	Unit
A01	Frequency commanding(Multi-speed commanding method)	0x0301	R/W	1 1:*Eu 0:*Am	0	4		
A02	Run commanding	0x0302	R/W	1 1:*Eu 0:*Am	0	3		
A03	Base Frequency setting	0x0303	R/W	6000 5000:*Eu	0	A04	0.01	Hz
A04	Maximum frequency setting	0x0304	R/W	6000 5000:*Eu	A03	40000	0.01	Hz
A05	External frequency setting start	0x0305	R/W	0	0	A04	0.01	Hz
A06	External frequency setting end	0x0306	R/W	0	0	A04	0.01	Hz
A07	External frequency start rate setting	0x0307	R/W	0	0	1000	0.1	%
A08	External frequency end rate setting	0x0308	R/W	1000	0	1000	0.1	%
A09	External frequency start pattern setting	0x0309	R/W	0 1:*Eu 1:*Am	0	1		
A10	External frequency sampling setting	0x030a	R/W	4	1	8		
A11	Multi-speed frequency 1	0x030b	R/W	500	0	A04	0.01	Hz
A12	Multi-speed frequency 2	0x030c	R/W	1000	0	A04	0.01	Hz
A13	Multi-speed frequency 3	0x030d	R/W	1500	0	A04	0.01	Hz
A14	Multi-speed frequency 4	0x030e	R/W	2000	0	A04	0.01	Hz
A15	Multi-speed frequency 5	0x030f	R/W	3000	0	A04	0.01	Hz
A16	Multi-speed frequency 6	0x0310	R/W	4000	0	A04	0.01	Hz
A17	Multi-speed frequency 7	0x0311	R/W	5000	0	A04	0.01	Hz
A18	Multi-speed frequency 8	0x0312	R/W	6000 5000:*Eu	0	A04	0.01	Hz
A19	Multi-speed frequency 9	0x0313	R/W	0	0	A04	0.01	Hz
A20	Multi-speed frequency 10	0x0314	R/W	0	0	A04	0.01	Hz
A21	Multi-speed frequency 11	0x0315	R/W	0	0	A04	0.01	Hz
A22	Multi-speed frequency 12	0x0316	R/W	0	0	A04	0.01	Hz
A23	Multi-speed frequency 13	0x0317	R/W	0	0	A04	0.01	Hz
A24	Multi-speed frequency 14	0x0318	R/W	0	0	A04	0.01	Hz
A25	Multi-speed frequency 15	0x0319	R/W	0	0	A04	0.01	Hz
A26	Jogging frequency setting	0x031a	R/W	50 100:*Eu 100:*Am	50	1000	0.01	Hz
A27	Jogging stop operation selection	0x031b	R/W	0	0	2		
A28	Torque boost mode selectioin	0x031c	R/W	0	0	1		
A29	Manual torque boost setting	0x031d	R/W	10	0	500	0.1	%
A30	Manual torque boost frequency setting	0x031e	R/W	100	0	1000	0.1	%
A31	Control method selection	0x031f	R/W	0 0:*Eu 0:*Am	0	2		
A32	V/F gain setting	0x0320	R/W	1000	200	1000	0.1	%
A33	DC braking function selection	0x0321	R/W	0	0	1		
A34	DC braking frequency setting	0x0322	R/W	50	50	1000	0.01	Hz
A35	DC braking output delay time setting	0x0323	R/W	0	0	50	0.1	Sec
A36	DC braking force setting	0x0324	R/W	100	0	500	0.1	%
A37	DC braking time setting	0x0325	R/W	0	0	100	0.1	Sec
A38	Frequency upper limit setting	0x0326	R/W	0	0	A04	0.01	Hz

A39	Frequency lower limit setting	0x0327	R/W	0	0	A04	0.01	Hz
A40	Jump frequency1 setting(center)	0x0328	R/W	0	0	A04	0.01	Hz
A41	Jump frequency1 range setting(hysteresis)	0x0329	R/W	0	0	1000	0.01	Hz
A42	Jump frequency2 setting(center)	0x032a	R/W	0	0	A04	0.01	Hz
A43	Jump frequency2 range setting(hysteresis)	0x032b	R/W	0	0	1000	0.01	Hz
A44	Jump frequency3 setting(center)	0x032c	R/W	0	0	A04	0.01	Hz
A45	Jump frequency3 range setting(hysteresis)	0x032d	R/W	0	0	1000	0.01	Hz
A46	Reservd Data	0x032e	R/W					
A47	Reservd Data	0x032f	R/W					
A48	Reservd Data	0x0330	R/W					
A49	Reservd Data	0x0331	R/W					
A50	Reservd Data	0x0332	R/W					
A51	Reservd Data	0x0333	R/W					
A52	AVR function selection	0x0334	R/W	2 2:*Eu 2:*Am	0	2		
A53	Motor input voltage setting	0x0335	R/W	220	200	480	1	V
A54	Second acceleration time setting	0x0336	R/W	100	1	30000	0.1	Sec
A55	Second deceleration time setting	0x0337	R/W	100	1	30000	0.1	Sec
A56	Two stage accel/decel switching method selection	0x0338	R/W	0	0	1		
A57	Acc1 to Acc2 frequency transition point	0x0339	R/W	0	0	A04	0.01	Hz
A58	Dec1 to Dec2 frequency transition point	0x033a	R/W	0	0	A04	0.01	Hz
A59	Acceleration curve selection	0x033b	R/W	0	0	2		
A60	Deceleration curve selection	0x033c	R/W	0	0	2		
A61	Input voltage offset setting	0x033d	R/W	0	-100	100	0.1	
A62	Input voltage gain setting	0x033e	R/W	1000	0	2000	0.1	
A63	Input current offset setting	0x033f	R/W	0	-100	100	0.1	
A64	Input current gain setting	0x0340	R/W	1000	0	2000	0.1	
A65	Cooling Fan control	0x0341	R/W	1	0	1		
A70	PID Function selection	0x0342	R/W	0	0	2		
A71	PID Reference	0x0343	R/W	0	0	10000	0.01	%
A72	PID Reference source	0x0344	R/W	2	0	3		
A73	PID Feed-back source	0x0345	R/W	0	0	1		
A74	PID P gain	0x0346	R/W	1000	1	10000	0.1	%
A75	PID I gain	0x0347	R/W	10	0	36000	0.1	sec
A76	PID D gain	0x0348	R/W	0	0	1000	0.01	sec
A77	PID Err limit	0x0349	R/W	1000	0	1000	0.1	%
A78	PID Output high limit	0x034a	R/W	1000	0	1000	0.1	%
A79	PID Output low limit	0x034b	R/W	0	-999	1000	0.1	%
A80	PID Output reverse	0x034c	R/W	0	0	1		
A81	PID scale factor	0x034d	R/W	1000	1	10000	0.01	%
A82	Pre PID frequency	0x034e	R/W	0	0	A04	0.01	Hz
A83	Sleep frequency	0x034f	R/W	0	0	A04	0.01	Hz
A84	Sleep delay time	0x0350	R/W	0	0	A04	0.01	Sec
A85	Wake up frequency	0x0351	R/W	0	0	A04	0.01	Hz
A61, A63 Data Type	*signed integer16							
Init value of A54,55	A54 : 30000(A59=0), 390(A59=1), 290(A59=2) A55 : 30000(A60=0), 390(A60=1), 290(A60=2)							

Code Number	Function Name	parameter (Gr+Index)	R/W attribute	Init. Value	Min. Value	Max. Value	Scale	Unit

b01	Selection of restart mode	0x0401	R/W	0	0	3		
b02	Allowable instantaneous power failure time setting	0x0402	R/W	10	3	10	0.1	Sec
b03	Reclosing stand by after instantaneous power failure recovered	0x0403	R/W	10	3	100	0.1	Sec
b04	Electronic thermal level setting	0x0404	R/W	1000	200	1200	0.1	%
b05	Electronic thermal characteristic setting	0x0405	R/W	1	0	1		
b06	Overload overvoltage restiction mode selection	0x0406	R/W	1	0	3		
b07	Overload restriction level setting	0x0407	R/W	1500	200	2000	0.1	%
b08	Overload restriction constant setting	0x0408	R/W	10	1	100	0.1	Sec
b09	Software lock mode selection	0x0409	R	0	0	9999		
b10	Start frequency adjestment	0x040a	R/W	50	50	1000	0.1	Hz
b11	Carrier frequency setting	0x040b	R/W	50	5	150	0.1	kHz
b12	Initialization mode(parameters or trip history)	0x040c	R/W	0	0	1		
b13	Country code for initialization	0x040d	R/W	0 1:*Eu 2:*Am	0	2		
b14	Frequency scaler conversion factor	0x040e	R/W	100	1	9999	0.01	
b15	STOP key validity during terminal operation	0x040f	R/W	0	0	1		
b16	Speed search operation after instantaneous power failure or FRS	0x0410	R/W	0	0	1		
b17	Communication number	0x0411	R/W	1	1	32		
b18	Ground fault detecion level	0x0412	R/W	0	0	1000	0.1	%
b19	Current level for speed search	0x0413	R/W	100	90	180		%
b20	Voltage increment in speed search mode	0x0414	R/W	100	10	300	0.01	%
b21	Voltage decrement in speed search mode	0x0415	R/W	100	10	300	0.01	%
b22	Deceleration slope for speed search	0x0416	R/W	1000	10	2000	0.1	%
b23	speed search start mode	0x0417	R/W	0	0	1		
b24	Alarm relay control under low voltage	0x0418	R/W	0	0	3		
b25	Stop mode	0x0419	R/W	0	0	1		
b26	Inverter type change to P-type	0x041a	R/W	0	0	1	1	
b27	Input phase loss	0x041b	R/W	10	0	30	1	sec
b28	Communication time out setting	0x041c	R/W	0	0	60		sec
b29	Communication time out operation mode	0x041d	R/W	0	0	1		
b30	Display code setting	0x041e	R/W	1	1	13		
b31	2nd Communication Channel baud rate	0x041f	R/W	3	1	4		
b32	BRD selection	0x0420	R/W	1	0	2		
b33	BRD using ratio	0x0421	R/W	100	0	500		%

Code Number	Function Name	parameter (Gr+Index)	R/W attribute	Init. Value	Min. Value	Max. Value	Scale	Unit
C01	Intelligent input 1 setting	0x0501	R/W	0	0	23		
C02	Intelligent input 2 setting	0x0502	R/W	1	0	23		
C03	Intelligent input 3 setting	0x0503	R/W	2	0	23		
C04	Intelligent input 4 setting	0x0504	R/W	3	0	23		
C05	Intelligent input 5 setting	0x0505	R/W	13 14:*Eu	0	23		
C06	Intelligent input 6 setting	0x0506	R/W	14 8:*Eu	0	23		
C07	Intelligent input 1 a/b contact setting	0x0507	R/W	0	0	1		

C08	Intelligent input 2 a/b contact setting	0x0508	R/W	0	0	1		
C09	Intelligent input 3 a/b contact setting	0x0509	R/W	0	0	1		
C10	Intelligent input 4 a/b contact setting	0x050a	R/W	0	0	1		
C11	Intelligent input 5 a/b contact setting	0x050b	R/W	0	0	1		
C12	Intelligent input 6 a/b contact setting	0x050c	R/W	0	0	1		
C13	Alarm Relay output setting	0x050d	R/W	5	0	15		
C14	Intelligent output RN0-RN1 setting	0x050e	R/W	1	0	5		
C15	Intelligent output RN2-RN3 setting	0x050f	R/W	0	0	5		
C16	Intelligent output RN0-RN1 a/b contact setting	0x0510	R/W	0	0	1		
C17	Intelligent output RN2-RN3 a/b contact setting	0x0511	R/W	0	0	1		
C18	FM Monitor signal selection	0x0512	R/W	0	0	3		
C19	FM Analog meter gain adjustment	0x0513	R/W	1000	0	2500	0.1	%
C20	FM Analog meter offset adjustment	0x0514	R/W	0	-30	100	0.1	%
C21	Overload advance notice signal level setting	0x0515	R/W	1000	500	2000	0.1	%
C22	Acceleration arrival signal frequency setting	0x0516	R/W	0	0	A04	0.01	Hz
C23	Deceleration arrival signal frequency setting	0x0517	R/W	0	0	A04	0.01	Hz
C24	PID deviation level setting	0x0518	R/W	100	0	1000	0.1	%
C25	FM Monitor signal selection	0x0519	R/W	0	0	3		
C26	FM Analog meter gain adjustment	0x051a	R/W	1000	0	2500	0.1	%
C27	FM Analog meter offset adjustment	0x051b	R/W	0	-30	100	0.1	%
C20,C27 Data Type	*signed integer16							

Code Number	Function Name	parameter (Gr+Index)	R/W attribute	Init. Value	Min. Value	Max. Value	Scale	Unit
H01	Autotuning mode selection	0x0601	R/W	0	0	1		
H02	Motor data selection	0x0602	R/W	0	0	1		
H03	Motor capacity	0x0603	R/W	F.S.	0	32		
H04	Motor poles selection	0x0604	R/W	4	2	8		
H05	Motor rated current selection	0x0605	R/W	F.S.	1	8000	0.1	A
H06	Motor constant Io	0x0606	R/W	F.S.	1	4000	0.1	A
H07	Motor constant slip	0x0607	R/W	F.S.	1	1000	0.001	Hz
H08	Motor constant R1	0x0608	R/W	F.S.	1	30000	0.1	Ohm
H09	Motor constant leakage factor	0x0609	R/W	F.S.	1	10000	0.001	mH
H10	Motor constant R1 Autotuning data	0x060a	R/W	F.S.	1	30000	0.1	Ohm
H11	Motor constant leakage factor Autotuning data	0x060b	R/W	F.S.	1	10000	0.001	mH
H03 Table	0 : 2.2kW, 1:3.7kW, 2:5.5kW, 3: 7.5kW, 4:11kW, 5:15kW, 6 : 18.5kW, 7:22kW,8:30kW							200V class
	9 : 2.2kW, 10:3.7kW, 11:5.5kW, 12: 7.5kW, 13:11kW, 14:15kW, 15 : 18.5kW, 16:22kW,17:30kW,18:37kW,19:45kW, 20: 55kW, 21: 75kW, 22: 90kW, 23: 110kW, 24: 132kW, 25: 160kW, 26: 220kW, 27: 280kW, 28: 350kW, 29: 380kW							400V class b26=0
	9 : 2.2kW, 10:3.7kW, 11:5.5kW, 12: 7.5kW, 13:11kW, 14:15kW, 15 : 18.5kW, 16:22kW,17:30kW,18:37kW,19:45kW, 20: 55kW, 21: 75kW, 22: 90kW, 23: 110kW, 24: 132kW, 25: 160kW, 26: 200kW, 27: 250kW, 28: 320kW, 29: 380kW							400V class b26=1