

VFD300 SUPPLEMENTARY SPECIFICATION

Function code	Setting range	Default	Property
F8-69 braking unit starting voltage (In-build braking unit)			
braking unit starting voltage	650V-800V	780V	★

D1-16 Torque Upper limit option in speed control mode (Regen)

D1-17 Torque Upper limit digit setting option in speed control mode (Regen)

Torque Upper limit digit setting option in speed control mode(Regen)	0: function code F2-12 Setting(power and generating no different) 1: AI1 2: AI2 3: AI3 4: PLUSE SETTING 5: COMMUNICATION REFERENCE 6: MIN(AI1, AI2) 7: MAX(AI1, AI2) 8: FUNCTION CODE F2-12 setting 1-7		☆
Torque Upper limit digit setting option in speed control mode(Regen)	0.0%-200.0%	150.0%	☆

D1-21 Maximum torque factor weak magnetization

D1-22 weak magnetic property

D1-23 Output power when Regen status

Maximum torque factor weak magnetization	50-200%	100%	☆
Regen power restriction property	0: not effective 1: effective	0	☆
Output power upper limite(Regen)	0.0-200%	Depend on drives model	☆

D3-14 VF overexcitation Gain

VF overexcitation Gain	Default	64
Range	0-200	

1 During Deceleration ,over excitation can impede DC bus voltage increasing and avoid over voltage More gains, better results

2 Especially for application which trip happen more often during Deceleration ,over excitation gains should be improved but more gains will lead output current higher.

3 We suggest to set Over excitation gain parameter 0 to application where DC bus voltage not increase when motor in reducing also suitable to application where braking resistor have been used

D3-15 Over current stall action current

Over current stall action current	50-200%	150%	★
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D3-16 Over current stall property

D3-17 Over current Suppression gain

D3-18 Times over current action current compensating factor

Over current property	0:Non effective 1:effective	1 (effective)	★
Over current Suppression gain	0-100%	20	☆
Times over current action current compensating factor	50-200%	50%	★

D3-19 Over voltage stall action voltage

D3-20 Over voltage stall property

D3-21 Over voltage suppression frequency gain

D3-22 Over voltage suppression voltage gain

D3-23 Over voltage stall Maximum increase frequency restriction

Over voltage stall action voltage	650-800V	760v	★
Over voltage stall property	0:Non effective 1:effective	1(effective)	★
Over voltage suppression frequency gain	0-100	30	☆
Over voltage suppression voltage gain	0-100	30	☆
D3-23 Over voltage stall Maximum increase frequency restriction	0-50HZ	5HZ	★

Over Voltage stall setting from D3-19 TO D3-22 ,F8 group non effective, We suggest D3-20=0
When use braking unit