

### Settings for ABB ACS 600 and 800 Inverter.

ID	Description	By Technomen	By User	ID	Description	By Technomen	By User
20	<b>Limits</b>			41	Speed Time Pattern 1		
01	Minimum Speed	-1600		01	Time Section No 1.1	8 ~ 10 Sec	
02	Maximum Speed	1600		02	Speed No 1.1	70 ~ 90 %	
03	Zero Speed Limit	60		03	Time Section 1.2	2 Min	
04	Maximum Current			04	Speed No 1.2	As 41 - 02	
05	Maximum Torque	300 %					
06	Minimum Torque	-300 %		45	Ring Frame Machine		
07	SPC Torque Max	300 %		01	Average Spindle Speed Constant		
08	SPC Torque Min	-300 %		02	Hank Constant K2		
09	Tref Torque Max	300 %		03	Doffing Alarm Time	Max	
10	Tref Torque Min	-300 %		04	Wobulation Speed UP		
11	Frequency Trip Margin	20 ~ 50		05	Wobulation Speed down Multiplied		
21	<b>Start Stop Functions</b>			06	Ramp Time Wobulation up		
01	Start Function	Auto		07	Ramp Time Wobulation Down		
02	Constant Magnet Time	500		08	STP Shift		
03	Stop Function	Cost Stop.		09	Manual Doff Dec	5	
04	EME Stop Mode	Stop Ramping.		10	Manual Doff Speed	20 ~ 40	
05	EME Stop Speed Dif	10		11	Manual Doff Time	99999	
05	EME Stop Speed Dif	10		12	Work Shift Time		
22	<b>Ramp Function</b>			99	Startup Data		
01	Acceleration Time	08 Sec		01	Language		
02	Deceleration Time	05 Sec		02	Motor Nominal Voltage		
03	ACC/DEC Time Scale	1		03	Motor Nominal Current		
04	EME Stop Ramp	03~05 Sec		04	Motor Nominal Frequency		
05	Shape Time	1 Sec		05	Motor Nominal Speed		
06	Variable Slope	Off		06	Motor Nominal Power		
07	VR Slope Rate	4.1 ms		07	Motor ID Run		
08	Bal Ramp Ref	0.0		08	Motor Control Mode		
27	<b>Flux Control</b>			09	Application Restore		
01	Flux Optimization	No		10	Drive ID Number		
02	Flux Braking	Yes		<b>Connections Between Inverter and PLC</b>			
03	Flux Ref	100					
04	Flux Max	140	Particulars	Inverter Terminal	Fuji PLC	Delta PLC	
05	Flux Min	100	Common	07 +24 VDC	Com 0~3	C2	
40	<b>Spinning Control</b>		Run	40-08	Out 01	Y10	
01	Spinning STL SEL	1 = Selected	Reset	40-06	Out 02	Y11	
02	STP SEL	1 = STP 1	Doffing Speed.	40-09	Out 03	Y12	
03	Future STP SEL	1 = STP 1	Emergency Stop	11 DI7	Out 0	Y13	
04	Shift Selected		<b>Important Note;</b>				
05	WOBB Function SEL						
06	Reset Active STP	6 = DI6					
07	Run After Power FLR	No					
08	Remote Start / Pause	2 = DI3					
09	Manual Doff Selection	1 = DI1					
10	STP SEL MODE	1 = PRA 40 - 2					
11	Reset HNK & T CALC	1 = No					