

**S6100 S/LS Menu Structure**

## Protection

Volt. Establish  
 Enabled [ ]  
 Lower Trip Level 70%  
 Upper Trip Level 130%  
 Lower Delay 2.0 s  
 Upper Delay 2.0 s

Freq. Establish  
 Enabled [ ]  
 Lower Trip Level 70%  
 Upper Trip Level 130%  
 Lower Delay 2.0 s  
 Upper Delay 2.0 s

Freq. Deviation  
 Enabled [ ]  
 Freq Deviation 2.0 Hz

PM Start [ ]  
 Freq Stabilization  
 Stability 10  
*Deadband* 0.2 %  
*PID*  
 P 4.0  
 I 10  
 D 1

## Auto Synchronizer

Check Sync  
 Enabled [ ]  
 DB Closure  
 Enabled [ ]  
 Sync Time 60 s  
 Stability 1  
*Deadband* 1.0 %  
*Freq Deviation* 0.2 Hz  
*Phase Deviation* 5 Deg  
*CB Close Time*

		80 ms	
	<i>PID</i>		
	P		
	I		6.0
	D		10
			1
Act Load Sharer			
	Load Deviation		0%
	Stability		5
	Deadband		2.0%
	Parallel Lines		
	Volt Min		0.0 VDC
	Volt Max		6.0 VDC
	Ramp Time		20 s
	Ramp Stability		10
	CB Trip Level		5%
	<i>PID</i>		
	P		1.0
	I		10
	D		1
Volt Stabilization			
	Stability		5%
	<i>Deadband</i>		0.2 %
	<i>PID</i>		
	P		1.0
	I		10
	D		1
Volt Matcher			
	Stability		5
	<i>Deadband</i>		5.0 %
	<i>PID</i>		
	P		1.0
	I		10
	D		

		1
React Load Sharer		
Load Deviation	0%	
Stability	5	
Deadband	2.0%	
Parallel Lines		
Volt Min	0.0 VDC	
Volt Max	6.0 VDC	
Ramp Time	20 s	
Ramp Stability	10	
<i>PID</i>		
P		1.0
I		10
D		1
I/O & Relays		
Alarm Relay		
Sys (o)		
Sys+Prot ( )		
CB Trip Relay		
ND ( )		
NE (o)		
Start Signal		
Continous (o)		
Pulse ( )		
Start Pulse	1000 ms	
Start Timeout	10 s	
Stop Signal		
Continous (o)		
Pulse ( )		
Stop Pulse	1000 ms	
System		
Speed Control		
Enabled [v]		
Governor Ctrl (o)		
Freq Out ( )		
Speed Relay (o)		
Analog Out 1 ( )		
PWM Out 1 ( )		
<i>Min Pulse Dur</i>	250 ms	
<i>Duty Cycle</i>	2.0 s	
<i>Signal</i>		

Voltage (o)  
 Current ( )  
 PWM ( )  
*Volt Min* -5.000 VDC  
*Volt Max* 5.000 VDC  
*Current Min* 4.000 mA  
*Current Max* 20.000 mA  
*PWM Freq* 500 Hz  
*PWM Volt Min* 0.000 VDC  
*PWM Volt Max* 8.000 VDC

Voltage Control

Enabled [v]  
 AVR Ctrl (o)  
 Volt Out ( )  
 Volt Relay (o)  
 Analog Out 2 ( )  
*Min Pulse Dur* 250 ms  
*Duty Cycle* 2.0 s

*Signal*

Voltage (o)  
 Current ( )  
 PMW ( )  
*Volt Min* -5.000 VDC  
*Volt Max* 5.000 VDC  
*Current Min* 4.000 mA  
*Current Max* 20.000 mA  
*PWM Freq* 500 Hz  
*PWM Volt Min* 0.000 VDC  
*PWM Volt Max* 8.000 VDC

Power Source

Auxiliary (o)  
 Shaft ( )  
 Grid ( )

*Power Import*

Enabled [ ]  
 Max Import 100%  
 Fixed Import (o)  
 Peak Import ( )  
 Value

Power Export 25%  
     Enabled [ ]  
     Max Export 100%  
     Fixed Export (o)  
     Excess Export ( )  
     value  
 Volt OK Window 25%  
     10%  
 Duty Hour 0  
 Priority 1  
 Power-up Delay 5 s  
 Setup Default  
     Yes ( )  
     No (o)

Revision Info  
     YYMMDD

RS232

Baud Rate  
     1200 ( )  
     2400 ( )  
     4800 ( )  
     9600 (o)  
     19200 ( )  
 Parity  
     None (o)  
     Even ( )  
     Odd ( )  
 Data Bits  
     7 ( )  
     8 (o)  
 StopBits  
     1 (o)  
     2 ( )

RS485

MODBUS Address 2  
 Baud Rate  
     1200 ( )  
     2400 ( )  
     4800 ( )  
     9600 (o)  
     19200 ( )  
 Parity  
     None (o)  
     Even ( )  
     Odd ( )  
 Data Bits  
     7 ( )  
     8 (o)  
 StopBits

- 1 (o)
- 2 ( )