

S6100 S/LS module – RS232 Console Commands

READ CONFIG (*Shows the current configuration*)

READ MEAS (*Shows measured and calculated parameters*)

READ ALARM (*Shows active alarms*)

ENABLE (*Switches console to read/write mode*)

DISABLE (*Switches console to read only mode*)

WRITE RS232 PASSWORD [0000 - 9999] (0000)

WRITE PROTECT VE ENABLED [YES, NO] (NO)

WRITE PROTECT VE LOWLEVEL [50 – 100] (70)

WRITE PROTECT VE UPLEVEL [100 – 150] (130)

WRITE PROTECT VE LOWDELAY [1.0 – 30.0] (2.0)

WRITE PROTECT VE UPDELAY [1.0 – 30.0] (2.0)

WRITE PROTECT VE AUTORESET [YES, NO] (NO)

WRITE PROTECT FE ENABLED [YES, NO] (NO)

WRITE PROTECT FE LOWLEVEL [50 – 100] (70)

WRITE PROTECT FE UPLEVEL [100 – 150] (130)

WRITE PROTECT FE LOWDELAY [1.0 – 30.0] (2.0)

WRITE PROTECT FE UPDELAY [1.0 – 30.0] (2.0)

WRITE PROTECT FE AUTORESET [YES, NO] (NO)

WRITE PROTECT FD ENABLED [YES, NO] (NO)

WRITE PROTECT FD LEVEL [0.2 – 10.0] (2.0)

WRITE PROTECT PMSTART [YES, NO] (NO)

WRITE FREQSTAB STABILITY [1 – 100] (10)

WRITE FREQSTAB DEADBAND [0.1 – 20.0] (0.2)

WRITE FREQSTAB PID P [1.0 – 20.0] (4.0)

WRITE FREQSTAB PID I [0 – 5000] (10)

WRITE FREQSTAB PID D [0 – 100] (1)

WRITE AUTOSYNC CHKSYNC [YES, NO] (NO)

WRITE AUTOSYNC DBCLOSE [YES, NO] (NO)

WRITE AUTOSYNC SYNCTIME [1 - 1000] (60)

WRITE AUTOSYNC STABILITY [1-100] (10)

WRITE AUTOSYNC DEADBAND [0.1 – 20.0] (1.0)

WRITE AUTOSYNC FREQDEV [0.1 – 10.0] (0.2)

WRITE AUTOSYNC PHASEDEV [1 – 15] (5)

WRITE AUTOSYNC CBCLOSETIME [1 – 1000] (80)

WRITE AUTOSYNC PID P [1.0 – 20.0] (6.0)

WRITE AUTOSYNC PID I [0 – 5000] (10)

WRITE AUTOSYNC PID D [0 – 100] (1)

WRITE ACTLS LOADDEV [-100 – 100] (0)

WRITE ACTLS STABILITY [1 – 100] (5)

WRITE ACTLS DEADBAND [1.0 – 20.0] (2.0)

WRITE ACTLS PARLINES VOLTMIN [-6.0 – 6.0] (0.0)  
WRITE ACTLS PARLINES VOLTMAX [-6.0 – 6.0] (6.0)  
WRITE ACTLS RAMPTIME [1 - 100] (20)  
WRITE ACTLS RAMPSTABILITY [1 – 100] (10)  
WRITE ACTLS CBTRIPLEVEL [1 – 50] (5)  
WRITE ACTLS PID P [1.0 – 20.0] (1.0)  
WRITE ACTLS PID I [0 – 5000] (10)  
WRITE ACTLS PID D [0 – 100] (1)  
WRITE VOLTSTAB STABILITY [1 – 100] (10)  
WRITE VOLTSTAB DEADBAND [0.1 – 20.0] (0.2)  
WRITE VOLTSTAB PID P [1.0 – 20.0] (1.0)  
WRITE VOLTSTAB PID I [0 – 5000] (10)  
WRITE VOLTSTAB PID D [0 – 100] (1)  
WRITE VOLTMATCH STABILITY [1 – 100] (5)  
WRITE VOLTMATCH DEADBAND [0.1 – 20.0] (2.0)  
WRITE VOLTMATCH PID P [1.0 – 20.0] (1.0)  
WRITE VOLTMATCH PID I [0 – 5000] (10)  
WRITE VOLTMATCH PID D [0 – 100] (1)  
WRITE REACTLS LOADDEV [-100 – 100] (0)  
WRITE REACTLS STABILITY [1 – 100] (5)  
WRITE REACTLS DEADBAND [1.0 – 20.0] (2.0)  
WRITE REACTLS PARLINES VOLTMIN [-6.0 – 6.0] (0.0)  
WRITE REACTLS PARLINES VOLTMAX [-6.0 – 6.0] (6.0)  
WRITE REACTLS RAMPTIME [1 - 100] (20)  
WRITE REACTLS RAMPSTABILITY [1 – 100] (10)  
WRITE REACTLS CBTRIPLEVEL [1 – 50] (5)  
WRITE REACTLS PID P [1.0 – 20.0] (1.0)  
WRITE REACTLS PID I [0 – 5000] (10)  
WRITE REACTLS PID D [0 – 100] (1)  
WRITE IORELAYS ALARMRELAYFUNC [SYS, SYSPROT] (SYS)  
WRITE IORELAYS CBTRIP CONTACT [ND, NE] (NE)  
WRITE IORELAYS STARTSIGNAL [CONT, PULSE] (CONT)  
WRITE IORELAYS STARTPULSE [100 - 5000] (1000)  
WRITE IORELAYS STARTTIMEOUT [1 - 1000] (10)  
WRITE IORELAYS COOLDOWN [0 – 5000] (10)  
WRITE IORELAYS STOPSIGNAL [CONT, PULSE] (CONT)  
WRITE IORELAYS STOPPULSE [100 - 5000] (1000)  
WRITE IORELAYS STOPDELAY [0 – 10000] (5)  
WRITE SYS SPEEDCTRL ENABLED [YES, NO] (YES)  
WRITE SYS SPEEDCTRL MODE [GOVCTRL, FREQOUT] (GOVCTRL)  
WRITE SYS SPEEDCTRL OUT [SPEEDRELAY, ANAOUT1] (SPEEDRELAY)  
WRITE SYS SPEEDCTRL MINPULSE [10 – 10000] (250)  
WRITE SYS SPEEDCTRL DUTYCYCLE [0.0 – 25.5] (2.0)  
WRITE SYS SPEEDCTRL ANAOUT SIGNAL [VOLT, CUR, PWM] (VOLT)  
WRITE SYS SPEEDCTRL ANAOUT VOLTMIN [-10.000 – 10.000] (-5.000)  
WRITE SYS SPEEDCTRL ANAOUT VOLTMAX [-10.000 – 10.000] (5.000)  
WRITE SYS SPEEDCTRL ANAOUT CURMIN [0.000 – 24.000] (4.000)  
WRITE SYS SPEEDCTRL ANAOUT CURMAX [0.000 – 24.000] (20.000)

WRITE SYS SPEEDCTRL PWMOUT FREQ [100 – 32000] (500)  
WRITE SYS SPEEDCTRL PWMOUT VOLTMAX [-8.000 – 8.000] (8.000)  
WRITE SYS VOLTCTRL ENABLED [YES, NO] (NO)  
WRITE SYS VOLTCTRL MODE [AVRCTRL, VOLTOUT] (AVRCTRL)  
WRITE SYS VOLTCTRL OUT [VOLTRELAY, ANAOUT2] (VOLTRELAY)  
WRITE SYS VOLTCTRL MINPULSE [10 – 10000] (250)  
WRITE SYS VOLTCTRL DUTYCYCLE [0.0 – 25.5] (2.0)  
WRITE SYS VOLTCTRL ANAOUT SIGNAL [VOLT, CUR, PWM] (VOLT)  
WRITE SYS VOLTCTRL ANAOUT VOLTMIN [-10.000 – 10.000] (-5.000)  
WRITE SYS VOLTCTRL ANAOUT VOLTMAX [-10.000 – 10.000] (5.000)  
WRITE SYS VOLTCTRL ANAOUT CURMIN [0.000 – 24.000] (4.000)  
WRITE SYS VOLTCTRL ANAOUT CURMAX [0.000 – 24.000] (20.000)  
WRITE SYS VOLTCTRL PWMOUT FREQ [100 – 32000] (500)  
WRITE SYS VOLTCTRL PWMOUT VOLTMAX [-8.000 – 8.000] (8.000)  
WRITE SYS PWRIMPORT ENABLED [YES, NO] (NO)  
WRITE SYS PWRIMPORT MAX [1 – 100] (100)  
WRITE SYS PWRIMPORT MODE [FIXED, PEAK] (FIXED)  
WRITE SYS PWRIMPORT VALUE [1 – 100] (25)  
WRITE SYS PWREXPORT ENABLED [YES, NO] (NO)  
WRITE SYS PWREXPORT MAX [1 – 100] (100)  
WRITE SYS PWREXPORT MODE [FIXED, EXCESS] (FIXED)  
WRITE SYS PWREXPORT VALUE [1 – 100] (25)  
WRITE SYS POWERSOURCE [AUXILIARY, SHAFT, GRID, EMY] (AUXILIARY)  
WRITE SYS EMYSTARTDELAY [0 – 200] (30)  
WRITE SYS VOLTOKWND [0 – 20] (10)  
WRITE SYS POWERUPDELAY [0 – 60] (5)  
WRITE SYS DUTYHOUR [0 – 999999] (0)  
WRITE SYS PRIORITY [1 – 15] (1)  
WRITE SYS CANBAUDRATE [1000KB,800KB,500KB,250KB,125KB,100KB,50KB,20KB]  
WRITE SYS SETUPDEFAULT [YES, NO] (NO)  
WRITE RS485 ADDRESS [1 – 255] (2)  
WRITE RS485 BAUDRATE [1200, 2400, 4800, 9600, 19200] (9600)  
WRITE RS485 PARITY [NONE, EVEN, ODD] (NONE)  
WRITE RS485 DATABITS [7, 8] (8)  
WRITE RS485 STOPBITS [1, 2] (1)  
WRITE RS485 TXDELAY [0-2552] (0)