

C6200 Gencontroller – RS232 Console Commands

READ CONFIG (*Shows the current configuration*)

READ MEAS (*Shows measured and calculated parameters*)

READ ALARM (*Shows active alarms*)

READ PMS (Shows Load depending start / stop status on all gen set connected to CAN bus

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

SERVICE ENABLE (*Switches console to read/write service parameters mode*)

READ LOG (*Shows alarm log*)

READ SERVICE (*Shows status for service*)

DISABLE (*Switches console to read only mode*)

WRITE RS232 PASSWORD [0000 - 9999] (0000)

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

WRITE PROTECT SC LEVEL [100 - 400] (250)

WRITE PROTECT SC DELAY [100 – 1000] (100)

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

WRITE PROTECT OC LEVEL [50 - 200] (100)

WRITE PROTECT OC DELAY [5.0 – 20.0] (5.0)

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

WRITE PROTECT OL LEVEL [50 - 150] (100)

WRITE PROTECT OL DELAY [5.0 – 20.0] (5.0)

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

WRITE PROTECT UV LEVEL [50 - 150] (70)

WRITE PROTECT UV DELAY [2.0 – 20.0] (2.0)

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

WRITE PROTECT OV LEVEL [50 - 150] (130)

WRITE PROTECT OV DELAY [2.0 – 20.0] (2.0)

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

WRITE PROTECT UF LEVEL [50 - 150] (70)

WRITE PROTECT UF DELAY [2.0 – 20.0] (2.0)

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

WRITE PROTECT OF LEVEL [50 - 150] (130)

WRITE PROTECT OF DELAY [2.0 – 20.0] (2.0)

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

WRITE PROTECT RP LEVEL [0.0 - -20.0] (-2.0)

WRITE PROTECT RP DELAY [2.0 – 20.0] (5.0)

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

WRITE PROTECT EL LEVEL [0 - -150] (-50)

WRITE PROTECT EL DELAY [2.0 – 20.0] (5.0)

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

WRITE PROTECT FD LEVEL [0 - 20] (-2.0)

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

WRITE PROTECT VS LEVEL [0 - 90] (15)

WRITE ALARM OC ENABLED [YES, NO] (NO)

WRITE ALARM OC LEVEL [50 - 200] (100)

WRITE ALARM OC DELAY [5.0 – 20.0] (5.0)

WRITE ALARM OL ENABLED [YES, NO] (NO)

WRITE ALARM OL LEVEL [50 - 150] (100)

WRITE ALARM OL DELAY [5.0 – 20.0] (5.0)
WRITE ALARM UV ENABLED [YES, NO] (YES)
WRITE ALARM UV LEVEL [50 - 150] (70)
WRITE ALARM UV DELAY [2.0 – 20.0] (2.0)
WRITE ALARM OV ENABLED [YES, NO] (YES)
WRITE ALARM OV LEVEL [50 - 150] (130)
WRITE ALARM OV DELAY [2.0 – 20.0] (2.0)
WRITE ALARM UF ENABLED [YES, NO] (YES)
WRITE ALARM UF LEVEL [50 - 150] (70)
WRITE ALARM UF DELAY [2.0 – 20.0] (2.0)
WRITE ALARM OF ENABLED [YES, NO] (YES)
WRITE ALARM OF LEVEL [50 - 150] (130)
WRITE ALARM OF DELAY [2.0 – 20.0] (2.0)
WRITE ALARM RP ENABLED [YES, NO] (YES)
WRITE ALARM RP LEVEL [0.0 - -20.0] (-2.0)
WRITE ALARM RP DELAY [2.0 – 20.0] (5.0)
WRITE ALARM EL ENABLED [YES, NO] (YES)
WRITE ALARM EL LEVEL [0 - -150] (-50)
WRITE ALARM EL DELAY [2.0 – 20.0] (5.0)
WRITE LOADTRIP NE1 DELAY [10 – 600](10)
WRITE LOADTRIP NE1 LATCH [NO,YES](NO)
WRITE LOADTRIP NE1 LOAD ENABLED [NO,YES](NO)
WRITE LOADTRIP NE1 LOAD LEVEL [20 - 150](90)
WRITE LOADTRIP NE1 LOAD HYST [0 - 50](10)
WRITE LOADTRIP NE1 CUR ENABLED [NO,YES](NO)
WRITE LOADTRIP NE1 CUR LEVEL [20 - 150](90)
WRITE LOADTRIP NE1 CUR HYST [0 [0- 50](10)
WRITE LOADTRIP NE1 FREQ ENABLED [NO,YES](NO)
WRITE LOADTRIP NE1 FREQ LEVEL [20 - 150](90)
WRITE LOADTRIP NE1 FREQ HYST [0- 50](10)
WRITE LOADTRIP NE2 DELAY [10 – 600](10)
WRITE LOADTRIP NE2 LATCH [NO,YES](NO)
WRITE LOADTRIP NE2 LOAD ENABLED [NO,YES](NO)
WRITE LOADTRIP NE2 LOAD LEVEL [20 - 150](90)
WRITE LOADTRIP NE2 LOAD HYST [0 - 50](10)
WRITE LOADTRIP NE2 CUR ENABLED [NO,YES](NO)
WRITE LOADTRIP NE2 CUR LEVEL [20 - 150](90)
WRITE LOADTRIP NE2 CUR HYST [0 [0- 50](10)
WRITE LOADTRIP NE2 FREQ ENABLED [NO,YES](NO)
WRITE LOADTRIP NE2 FREQ LEVEL [20 - 150](90)
WRITE LOADTRIP NE2 FREQ HYST [0- 50](10)
WRITE FREQSTAB GAIN [1.0 – 20.0] (4.0)
WRITE FREQSTAB DELAY [0 – 5000] (10)
WRITE FREQSTAB DEADBAND [0.1 –20.0] (1.0)
WRITE AUTOSYNC DBCLOSE [YES, NO] (NO)
WRITE AUTOSYNC GAIN [1.0-20.0] (2.0)
WRITE AUTOSYNC DELAY [0 – 5000] (10)
WRITE AUTOSYNC SYNCTIME [1 - 1000] (60)
WRITE AUTOSYNC CBCLOSETIME [1 – 1000] (80)
WRITE AUTOSYNC FREQDEV [0.01 – 2.00] (0.10)
WRITE AUTOSYNC CHKSYNC [YES, NO] (NO)
WRITE ACTLS GAIN [1.0 – 20.0] (1.0)
WRITE ACTLS DELAY [0 – 5000] (10)
WRITE ACTLS DEADBAND [0.1 –20.0] (5.0)
WRITE ACTLS RAMPTIME [1 - 100] (20)
WRITE ACTLS LOADDEV [-100 – 100] (0)
WRITE ACTLS CBTRIPLEVEL [1 – 50] (5)
WRITE ACTLS PARLINES VOLTMIN [-6.0 – 6.0] (0.0)

WRITE ACTLS PARLINES VOLTMAX [-6.0 – 6.0] (6.0)
 WRITE VOLTMATCH GAIN [1.0 – 20.0] (1.0)
 WRITE VOLTMATCH DELAY [0 – 5000] (10)
 WRITE VOLTMATCH DEADBAND [0.1 – 20.0] (1.0)
 WRITE REACTLS GAIN [1.0 – 20.0] (1.0)
 WRITE REACTLS DELAY [0 – 5000] (10)
 WRITE REACTLS DEADBAND [0.1 – 20.0] (5.0)
 WRITE REACTLS RAMPTIME [1 - 100] (20)
 WRITE REACTLS LOADDEV [-100 – 100] (0)
 WRITE REACTLS CBTRIPLELEVEL [1 – 50] (5)
 WRITE REACTLS PARLINES VOLTMIN [-6.0 – 6.0] (0.0)
 WRITE REACTLS PARLINES VOLTMAX [-6.0 – 6.0] (6.0)
 WRITE IMPORTEXPORT SCHEME [DISABLED, FIXEDIMPORT, PEAKIMPORT, FIXEDEXPORT, EXCESSEXPORT] (DISABLED)
 WRITE IMPORTEXPORT VALUE [1 – 100] (25)
 WRITE IMPORTEXPORT PFLEVEL [0.00 – 1.00] (0.80)
 WRITE LOADSTARTSTOP ENABLED [YES, NO] (NO)
 WRITE LOADSTARTSTOP STARTLEVEL [20 – 120] (80)
 WRITE LOADSTARTSTOP STARTDELAY [2 – 32000] (10)
 WRITE LOADSTARTSTOP STOPLEVEL [20 – 120] (60)
 WRITE LOADSTARTSTOP STOPDELAY [2 – 32000] (10)
 WRITE LOADSTARTSTOP SEQ [LINEAR, CYCLIC, DUTYHOUR] (LINEAR)
 WRITE LOADSTARTSTOP COOLDOWN [0 – 10000] (5)
 WRITE LOADSTARTSTOP STARTSIGNAL [PULS, CONST] (PULS)
 WRITE LOADSTARTSTOP STARTTIMEOUT [0 – 10000] (5)
 WRITE LOADSTARTSTOP LC1 [0 – 32000](0)
 WRITE LOADSTARTSTOP LC2 [0 – 32000](0)
 WRITE RELAYS ALARMFUNC [SYS, SYSPROT] (SYS)
 WRITE RELAYS PROTTRIP CONTACT [ND, NE] (ND)
 WRITE RELAYS UNLOADTRIPRELAY CONTACT [ND, NE] (ND)
 WRITE IOFUNC SPEEDINC [OFF, INx - OFF, OUTx] (OFF OFF)
 WRITE IOFUNC SPEEDDEC [OFF, INx - OFF, OUTx] (OFF OFF)
 WRITE IOFUNC VOLTINC [OFF, INx - OFF, OUTx] (OFF OFF)
 WRITE IOFUNC VOLTDEC [OFF, INx - OFF, OUTx] (OFF OFF)
 WRITE IOFUNC GENSTARTIO [OFF, INx - OFF, OUTx] (OFF OFF)
 WRITE IOFUNC GENSTOPIO [OFF, INx - OFF, OUTx] (OFF OFF)
 WRITE IOFUNC SC [OFF, OUTx - OFF, OUTx] (OFF OFF)
 WRITE IOFUNC OC [OFF, INx - OFF, OUTx – OFF, OUTx, ALARM] (OFF OFF OFF)
 WRITE IOFUNC OL [OFF, INx - OFF, OUTx – OFF, OUTx, ALARM] (OFF OFF OFF)
 WRITE IOFUNC UV [OFF, INx - OFF, OUTx – OFF, OUTx, ALARM] (OFF OFF OFF)
 WRITE IOFUNC OV [OFF, INx - OFF, OUTx – OFF, OUTx, ALARM] (OFF OFF OFF)
 WRITE IOFUNC UF [OFF, INx - OFF, OUTx – OFF, OUTx, ALARM] (OFF OFF OFF)
 WRITE IOFUNC OF [OFF, INx - OFF, OUTx – OFF, OUTx, ALARM] (OFF OFF OFF)
 WRITE IOFUNC RP [OFF, INx - OFF, OUTx – OFF, OUTx, ALARM] (OFF OFF OFF)
 WRITE IOFUNC EL [OFF, INx - OFF, OUTx – OFF, OUTx, ALARM] (OFF OFF OFF)
 WRITE IOFUNC FD [OFF, INx - OFF, OUTx] (OFF OFF)
 WRITE IOFUNC VS [OFF, INx - OFF, OUTx] (OFF OFF)
 WRITE IOFUNC NE1 [OFF, OUTx] (OFF)
 WRITE IOFUNC NE2 [OFF, OUTx] (OFF)
 WRITE IOFUNC EXTTRIP [OFF, INx - OFF, OUTx] (OFF OFF)
 WRITE IOFUNC LOADSTARTSTOPENABLE [OFF, INx] (OFF)
 WRITE IOFUNC 1STANDBYINDICATION [OFF, OUTx] (OFF)
 WRITE IOFUNC LIGHTLOADCANCEL [OFF, INx] (OFF)
 WRITE IOFUNC LIGHTLOADINDICATION [OFF, OUTx] (OFF)
 WRITE IOFUNC HIGHLOADINDICATION [OFF, OUTx] (OFF)
 WRITE IOFUNC LOWCAPACITY [OFF, OUTx] (OFF)
 WRITE IOFUNC CAT2ALARM [OFF, INx - OFF, OUTx] (OFF OFF)
 WRITE IOFUNC LC1 [OFF, INx - OFF, OUTx] (OFF OFF)

WRITE IOFUNC LC2 [OFF, INx - OFF, OUTx] (OFF OFF)
 WRITE IOFUNC VOLTREQOK [OFF, OUTx] (OFF)
 WRITE IOFUNC FIXEDIMP [OFF, INx] (OFF)
 WRITE IOFUNC PEAKIMP [OFF, INx] (OFF)
 WRITE IOFUNC FIXEDEXP [OFF, INx] (OFF)
 WRITE IOFUNC EXCESSEXP [OFF, INx] (OFF)
 WRITE IOFUNC FVDISABLE [OFF, OUTx] (OFF)
 WRITE IOFUNC CBBLOCK [OFF, INx] (OFF)
 WRITE IOFUNC TOTALSTOP [OFF, INx] (OFF)
 WRITE IOFUNC ENGINEERROR [OFF, INx - OFF, OUTx] (OFF OFF)
 WRITE IOFUNC UNLOADSTOP [YES, NO] (NO)
 WRITE IOFUNC FREQSTAB [OFF, INx - OFF, OUTx - OFF, OUTx, ALARM] (OFF OFF OFF)
 WRITE IOFUNC SYNC [OFF, INx - OFF, OUTx - OFF, OUTx, ALARM] (OFF OFF OFF)
 WRITE IOFUNC ACTRAMPUP [OFF, INx - OFF, OUTx - OFF, OUTx, ALARM] (OFF OFF OFF)
 WRITE IOFUNC ACTLS [OFF, INx - OFF, OUTx - OFF, OUTx, ALARM] (OFF OFF OFF)
 WRITE IOFUNC VOLTSTAB [OFF, INx - OFF, OUTx - OFF, OUTx, ALARM] (OFF OFF OFF)
 WRITE IOFUNC VOLTMATCH [OFF, INx - OFF, OUTx - OFF, OUTx, ALARM] (OFF OFF OFF)
 WRITE IOFUNC REACTRAMPUP [OFF, INx - OFF, OUTx - OFF, OUTx, ALARM] (OFF OFF OFF)
 WRITE IOFUNC REACTLS [OFF, INx - OFF, OUTx - OFF, OUTx, ALARM] (OFF OFF OFF)
 WRITE ANAOUT OUT1 SRC [BUSU12, GENU12, I3, P, Q, PF, VA, F] (BUS12)
 WRITE ANAOUT OUT1 SRCMIN [-1000.0 - 1000.0] (0.0)
 WRITE ANAOUT OUT1 SRCMAX [-1000.0 - 1000.0] (100.0)
 WRITE ANAOUT OUT1 VOLTMIN [0.000 - 10.000] (0.000)
 WRITE ANAOUT OUT1 VOLTMAX [0.000 - 10.000] (10.000)
 WRITE ANAOUT OUT2 SRC [BUSU12, GENU12, I3, P, Q, PF, VA, F] (GEN12)
 WRITE ANAOUT OUT2 SRCMIN [-1000.0 - 1000.0] (0.0)
 WRITE ANAOUT OUT2 SRCMAX [-1000.0 - 1000.0] (100.0)
 WRITE ANAOUT OUT2 VOLTMIN [0.000 - 10.000] (0.000)
 WRITE ANAOUT OUT2 VOLTMAX [0.000 - 10.000] (10.000)
 WRITE SYS SPEEDCTRL ENABLED [YES, NO] (YES)
 WRITE SYS SPEEDCTRL ANAOUT SIGNAL [VOLT, CUR, PWM] (VOLT)
 WRITE SYS SPEEDCTRL MINPULSE [10 - 10000] (250)
 WRITE SYS SPEEDCTRL ANAOUT VOLTMIN [-10.000 - 10.000] (10.000)
 WRITE SYS SPEEDCTRL ANAOUT VOLTMAX [-10.000 - 10.000] (0.000)
 WRITE SYS SPEEDCTRL ANAOUT CURMIN [0.000 - 21.000] (4.000)
 WRITE SYS SPEEDCTRL ANAOUT CURMAX [0.000 - 21.000] (20.000)
 WRITE SYS SPEEDCTRL PWMOUT FREQ [100 - 32000] (500)
 WRITE SYS VOLTCTRL ENABLED [YES, NO] (NO)
 WRITE SYS VOLTCTRL ANAOUT SIGNAL [VOLT, CUR, PWM] (VOLT)
 WRITE SYS VOLTCTRL MINPULSE [10 - 10000] (250)
 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 - 21.000] (4.000)
 WRITE SYS VOLTCTRL ANAOUT CURMAX [0.000 - 21.000] (20.000)
 WRITE SYS VOLTCTRL PWMOUT FREQ [100 - 32000] (500)
 WRITE SYS VOLTOKWDN [0 - 20] (10)
 WRITE SYS FREQOKWDN [0 - 10.0] (10)
 WRITE SYS STOPONFAULT [YES, NO] (NO)
 WRITE SYS POWERSOURCE [AUXILIARY, SHAFT, GRID] (AUXILIARY)
 WRITE SYS NOMVOLT [63.0 - 690.0] (400.0)
 WRITE SYS PRIMVOLT [63 - 32000] (400)
 WRITE SYS GENMAXCUR [0.5 - 30000] (60.6)
 WRITE SYS CTPRIMCUR [5.0 - 30000] (100.0)
 WRITE SYS CTSECCUR [1.0 - 5.0] (5.0)
 WRITE SYS RATEDFREQ [35.0 - 500.0] (50.0)
 WRITE SYS POWERUPDELAY [0-60] (0)
 WRITE SYS SETUPDEFAULT [YES, NO] (NO)
 WRITE RS485 ADDRESS [1 - 255] (1)

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)

READ CONFIG in Service mode
WRITE SERVICE INTERVAL [0-32000](0)
WRITE SERVICE DUTYHOUR [0-10000000](0)
WRITE SERVICE CONFIRM [YES,NO](NO)