

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] (YES)

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 – 120.0] (5.0)

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

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

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

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

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

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

WRITE PROTECT UV LEVEL [50 - 100] (70)

WRITE PROTECT UV DELAY [1.0 – 30.0] (2.0)

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

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

WRITE PROTECT OV LEVEL [100 - 150] (130)

WRITE PROTECT OV DELAY [1.0 – 30.0] (2.0)

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

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

WRITE PROTECT UF LEVEL [50 - 100] (70)

WRITE PROTECT UF DELAY [1.0 – 30.0] (2.0)

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

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

WRITE PROTECT OF LEVEL [100 - 150] (130)

WRITE PROTECT OF DELAY [1.0 – 30.0] (2.0)

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

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

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

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

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

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

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

WRITE PROTECT EL DELAY [0.5 – 20.0] (5.0)

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

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

WRITE PROTECT FD LEVEL [0 - 20] (2.0)  
WRITE PROTECT FD AUTORESET [YES, NO] (NO)  
WRITE PROTECT VS ENABLED [YES, NO] (NO)  
WRITE PROTECT VS LEVEL [0 - 90] (15)  
WRITE PROTECT VS AUTORESET [YES, NO] (NO)  
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] (NO)  
WRITE ALARM UV LEVEL [50 - 150] (70)  
WRITE ALARM UV DELAY [2.0 - 20.0] (2.0)  
WRITE ALARM UV PRESTARTREQ [YES, NO] (NO)  
WRITE ALARM OV ENABLED [YES, NO] (NO)  
WRITE ALARM OV LEVEL [50 - 150] (130)  
WRITE ALARM OV DELAY [2.0 - 20.0] (2.0)  
WRITE ALARM OV PRESTARTREQ [YES, NO] (NO)  
WRITE ALARM UF ENABLED [YES, NO] (NO)  
WRITE ALARM UF LEVEL [50 - 150] (70)  
WRITE ALARM UF PRESTARTREQ [YES, NO] (NO)  
WRITE ALARM UF DELAY [2.0 - 20.0] (2.0)  
WRITE ALARM OF ENABLED [YES, NO] (NO)  
WRITE ALARM OF LEVEL [50 - 150] (130)  
WRITE ALARM OF DELAY [2.0 - 20.0] (2.0)  
WRITE ALARM OF PRESTARTREQ [YES, NO] (NO)  
WRITE ALARM RP ENABLED [YES, NO] (NO)  
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] (NO)  
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 - 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 - 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] (2.0)  
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 PHASEDEV [1 –25] (5)  
 WRITE AUTOSYNC FREQDEV [0.01 – 2.00] (0.10)  
 WRITE AUTOSYNC SYNCTIME [1 - 1000] (60)  
 WRITE AUTOSYNC CBCLOSETIME [1 – 1000] (80)  
 WRITE AUTOSYNC CHKSYNC [YES, NO] (NO)  
 WRITE ACTLS GAIN [1.0 – 20.0] (1.0)  
 WRITE ACTLS DELAY [0 – 5000] (20)  
 WRITE ACTLS DEADBAND [0.1 –20.0] (5.0)  
 WRITE ACTLS RAMPTIME [1 - 100] (20)  
 WRITE ACTLS LOADDEV [-100 – 100] (0)  
 WRITE ACTLS CBTRIPLELEVEL [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 VOLTMATCH VOLTDEV [1 – 100] (2)  
 WRITE REACTLS GAIN [1.0 – 20.0] (1.0)  
 WRITE REACTLS DELAY [0 – 5000] (20)  
 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, EXCESSEXPOR] (DISABLED)  
 WRITE IMPORTEXPORT VALUE [1 – 100] (25)  
 WRITE IMPORTEXPORT PFLEVEL [0.00 – 1.00] (0.80)  
 WRITE LOADSTARTSTOP ENABLED [YES, NO] (NO)  
 WRITE LOADSTARTSTOP STARTCONDITION [LOADPERCENT, LOADRESERVE] (LOADPERCENT)  
 WRITE LOADSTARTSTOP STARTPERCENT [20 – 120] (80)  
 WRITE LOADSTARTSTOP STARTRESERVE [1 – 30000] (50)  
 WRITE LOADSTARTSTOP STOPHYST [0 – 100] (20)  
 WRITE LOADSTARTSTOP STARTDELAY [2 – 32000] (10)  
 WRITE LOADSTARTSTOP STOPDELAY [2 – 32000] (10)  
 WRITE LOADSTARTSTOP SEQ [LINEAR, ECO, CYCLIC, DUTYHOUR] (LINEAR)  
 WRITE LOADSTARTSTOP COOLDOWN [0 – 10000] (5)  
 WRITE LOADSTARTSTOP STARTSIGNAL [PULS, CONST] (PULS)  
 WRITE LOADSTARTSTOP STARTTIMEOUT [0 – 10000] (15)  
 WRITE LOADSTARTSTOP LC1 [0 – 32000](0)  
 WRITE LOADSTARTSTOP LC2 [0 – 32000](0)  
 WRITE RELAYS ALARMFUNC [SYS, SYSPROT] (SYSPROT)  
 WRITE RELAYS PROTTRIP CONTACT [ND, NE] (ND)  
 WRITE RELAYS UNLOADTRIPRELAY CONTACT [ND, NE] (ND)  
 WRITE IOFUNC SPEEDINC [OFF, INx - OFF, OUITx] (OFF OFF)  
 WRITE IOFUNC SPEEDDEC [OFF, INx - OFF, OUITx] (OFF OFF)  
 WRITE IOFUNC VOLTINC [OFF, INx - OFF, OUITx] (OFF OFF)  
 WRITE IOFUNC VOLTDEC [OFF, INx - OFF, OUITx] (OFF OFF)  
 WRITE IOFUNC GENSTARTIO [OFF, INx - OFF, OUITx] (OFF OFF)  
 WRITE IOFUNC GENSTOPIO [OFF, INx - OFF, OUITx] (OFF OFF)  
 WRITE IOFUNC SC [OFF, OUITx - OFF, OUITx] (OFF OFF)  
 WRITE IOFUNC OC [OFF, INx - OFF, OUITx – OFF, OUITx, ALARM] (OFF OFF OFF)  
 WRITE IOFUNC OL [OFF, INx - OFF, OUITx – OFF, OUITx, ALARM] (OFF OFF OFF)  
 WRITE IOFUNC UV [OFF, INx - OFF, OUITx – OFF, OUITx, 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] (GENU12)  
 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] (GENU23)  
 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 ANAOUT PWMFREQ [100 - 32000] (500)  
 WRITE SYS SPEEDCTRL ANAOUT PWMREF [0 - 1000] (50.0)  
 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 ANAOUT PWMFREQ [100 – 32000] (500)  
WRITE SYS VOLTCTRL ANAOUT PWMREF [0 – 1000] (50.0)  
WRITE SYS VOLTOKWDN [0 – 20] (10)  
WRITE SYS FREQOKWDN [0 – 10.0] (1.0)  
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 RATEDFREQ [35.0 – 70.0] (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)