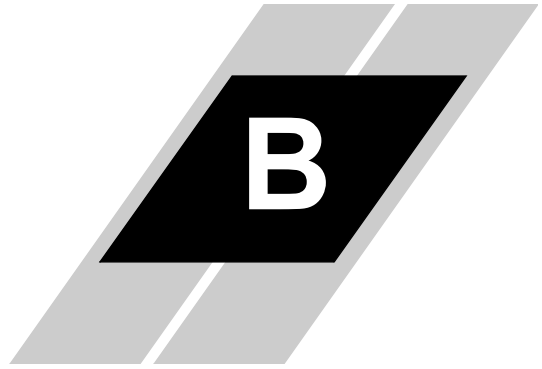


# **SJ100 / L100 Program Menu List**



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## SJ100 / L100 Inverter Program Menu List

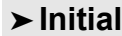
This appendix contains the Program Mode menu tree for SJ100 / L100 inverters. The listing shows how parameters are organized and how to access them. Parameters with an asterisk (\*) are available only on the SJ100 (not the L100).

**Monitor Vars**



- VAR 1.1
- ▼ VAR 1.2
- ▼ VAR 1.3
- ▼ VAR 2

**Parameters**



- Debug Mode Sel C091
- ▼ Run Key Routing F004
- ▼ Init Mode B084
- ▼ Country Code B085
- ▼ Voltage Class Code



- Freq Set Method A001
- ▼ Run Set Method A002
- ▼ Base Frequency A003
- ▼ 2nd Base Freq A203 \*
- ▼ Max Frequency A004 \*
- ▼ 2nd Max Freq A204
- ▼ AVR Function A081
- ▼ AVR Voltage A082
- ▼ Carrier Freq B083



- Multi-Speed 0 A020
- ▼ 2nd Multi-Spd A220 \*
- ▼ Multi-Speed 1 A021
- ▼ Multi-Speed 2 A022
- ▼ Multi-Speed 3 A023
- ▼ Multi-Speed 4 A024
- ▼ Multi-Speed 5 A025
- ▼ Multi-Speed 6 A026
- ▼ Multi-Speed 7 A027
- ▼ Multi-Speed 8 A028
- ▼ Multi-Speed 9 A029

**▼ V/F Character**

**▼ DC Braking**

**▼ PID Control**

**▼ BRD**

- ▼ Multi-Speed 10 A030
- ▼ Multi-Speed 11 A031
- ▼ Multi-Speed 12 A032
- ▼ Multi-Speed 13 A033
- ▼ Multi-Speed 14 A034
- ▼ Multi-Speed 15 A035
- ▼ Jogging Freq A038
- ▼ Jogging Mode A039
- ▶ Torq Boost Sel A041
- ▼ 2nd Torq Boost A241 \*
- ▼ Man Torq Boost A042
- ▼ 2nd Man Boost A242 \*
- ▼ Man Boost Freq A043
- ▼ 2nd Man Freq A243 \*
- ▼ V/F Curve A044
- ▼ 2nd V/F Curve A244 \*
- ▼ V/F Gain A045
- ▶ DCB Selection A051
- ▼ DCB Frequency A052
- ▼ DCB Wait Time A053
- ▼ DCB Force A054
- ▼ DCB Time A055
- ▶ PID Function A071
- ▼ PID P Gain A072
- ▼ PID I Gain A073
- ▼ PID D Gain A074
- ▼ PV Scale A075
- ▼ PV Source A076
- ▼ PID Deviation C044
- ▶ BRD Use Rate B090

**▼ Operation**

**▼ Accel**

**▼ Decel**

**▼ Protection**

**▼ Terminal**

**► Input Defs**

- 2-Stage Adj A094 \*
- ▼ 2nd 2-Stage Adj A294 \*
- ▼ Start Freq Adj B082
- ▼ Motor Direction F004
- Acceleration 1 F002
- ▼ 2nd Accel 1 F202 \*
- ▼ Acceleration 2 A092
- ▼ 2nd Accel 2 A292 \*
- ▼ Accel Ch Freq A095
- ▼ 2nd Acc Ch Freq A295 \*
- ▼ Accel Curve A097
- ▼ Deceleration 1 F003
- ▼ 2nd Decel 1 F203 \*
- ▼ Deceleration 2 A093
- ▼ 2nd Decel 2 A293 \*
- ▼ Decel Ch Freq A096
- ▼ 2nd Dec Ch Freq A296 \*
- ▼ Decel Curve A098
- ▼ E-Therm Level B012
- ▼ 2nd E-Thm Level B212 \*
- ▼ E-Therm Char B013
- ▼ 2nd E-Thm Char B213
- Input Term 1 C001
- ▼ Input Term 2 C002
- ▼ Input Term 3 C003
- ▼ Input Term 4 C004
- ▼ Input Term 5 C005
- ▼ Input Term 6 C006 \*

	<b>▼ Input States</b>	▶ Input 1 NO/NC	C011
		▼ Input 2 NO/NC	C012
		▼ Input 3 NO/NC	C013
		▼ Input 4 NO/NC	C014
		▼ Input 5 NO/NC	C015
		▼ Input 6 NO/NC	C016 *
	<b>▼ Analog Input</b>	▶ Ext Freq Start	A011
		▼ Ext Freq End	A012
		▼ Ext Bias Start	A013
		▼ Ext Bias End	A014
		▼ Ext Freq Offset	A015
		▼ Sampling Number	A016
	<b>▼ Analog Meter</b>	▶ FM Adjustment	B081
		▼ L-O Adjustment	C081
		▼ L-OI Adjustment	C082
	<b>▼ Output Defs</b>	▶ Output Term 11	C021
		▼ Output Term 12	C022
		▼ Output Term FM	C023
		▼ Output Term AL	C024 *
	<b>▼ Output States</b>	▶ Output 11 NO/NC	C031
		▼ Output 12 NO/NC	C032
		▼ Output AL NO/NC	C033
	<b>▼ Output Levels</b>	▶ Accel Arv Freq	C042
		▼ Decel Arv Freq	C043
<b>▼ Motor Data (SLV)</b>		▶ Autotuning Sel	H001 *
		▼ Motor Data	H002 *
		▼ 2nd Motor Data	H202 *
		▼ Motor Capacity	H003 *
		▼ 2nd Motor Cap	H203 *
		▼ Motor Poles	H004 *
		▼ 2nd Motor Poles	H204 *
		▼ Motor Const Kp	H005 *
		▼ 2nd Mtr Cnst Kp	H205 *
		▼ Motor Stab Cnst	H006 *

**Status**

**► Monitor Values**

**▼ Operation Status**

**▼ Frequency Status**

- ▼ 2nd Motor Stab H206 \*
- ▼ Motor Const R1 H020 \*
- ▼ 2nd Mtr Cnst R1 H220 \*
- ▼ Motor Const R2 H021 \*
- ▼ 2nd Mtr Cnst R2 H221 \*
- ▼ Motor Const L H022 \*
- ▼ 2nd Mtr Cnst L H222 \*
- ▼ Motor Const Io H023 \*
- ▼ 2nd Mtr Cnst Io H223 \*
- ▼ Motor Const J H024 \*
- ▼ 2nd Mtr Cnst J H224 \*
- Output Freq D001
- ▼ Output Current D002
- ▼ Rotation Dir. D003
- ▼ PID Feedback D004
- ▼ Inp. Terminals D005
- ▼ Out. Terminals D006
- ▼ Freq Multiplier B086
- ▼ Scaled Freq D007
- ▼ Input Voltage
- ▼ P-N Voltage
- ▼ kW Power
- ▼ kW Rating
- Status Byte
- ▼ Status State
- VM Freq Set
- ▼ TRM Freq Set

**Trips**



- # of Trips D008
- ▼ Trip 1 Err Code D008
- ▼ Freq at Trip 1 D008
- ▼ I at Trip 1 D008
- ▼ PN-V at Trip 1 D008
- ▼ Time at Trip 1 D008
- ▼ Trip 2 Err Code D009
- ▼ Freq at Trip 2 D009
- ▼ I at Trip 2 D009
- ▼ PN-V at Trip 2 D009
- ▼ Time at Trip 2 D009
- ▼ Trip 3 Err Code D009
- ▼ Freq at Trip 3 D009
- ▼ I at Trip 3 D009
- ▼ PN-V at Trip 3 D009
- ▼ Time at Trip 3 D009

**Network Control**



- Control Method
- ▼ Host Watchdog
- ▼ Timeout Action

**Software Lock**



- Operator Access
- ▼ SW Lock Mode B031

**Debug Mode**



- (Address - Data)  
Press Esc/Cancel to exit Debug Mode

**Edit Mode****▶ Inverter Port Cfg****▼ Network Port Cfg****▼ Store Configuration****▼ Transfer Mode****▼ Run Mode****▶ Inverter Type****▶ Network Protocol****▼ Network Address****▼ Port Type****▼ Baud Rate****▼ Data bits****▼ Parity****▼ Stop Bits****▼ Flow Control****▼ RTS Delay****▼ Master/Slave****▼ Max Gap Time****▼ Stop Key Action****▶ Configuration stored****▶ Waiting for PC...**

Press the Mode key to return to the Edit Menu.

**▶ Exits Edit Mode and Resets SC-OPE**