

J300 Program Menu List



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J300 Inverter Program Menu List

This appendix contains the Program Mode menu tree for J300 inverters. The listing shows how parameters are organized and how to access them.

Monitor Vars



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

Parameters

▶ Command

- ▶ Freq Set Method
- ▼ Run Set Method
- ▼ Param Set Method

▼ Initial

- ▶ Trip History Mode
- ▼ Enable Debug Mode
- ▼ Run Key Routing

▼ Control

▶ V/F Settings

- ▶ Base Freq (p)
- ▼ Base Freq (s)
- ▼ Max Freq (p)
- ▼ Max Freq (s)
- ▼ OPE Set Freq (p)
- ▼ OPE Set Freq (s)
- ▼ Jogging Freq
- ▼ Start Freq
- ▼ Ctrl Method (p)
- ▼ Ctrl Method (s)
- ▼ V/F Pattern (p)
- ▼ V/F Pattern (s)
- ▼ Input Voltage
- ▼ AVR Dec

▼ Motor Data

- ▶ Auto Tuning (p)
- ▼ Auto Tuning (s)
- ▼ Motor Const Data (p)
- ▼ Motor Const Data (s)
- ▼ Motor Pole Count (p)

			<ul style="list-style-type: none"> ▼ Motor Pole Count (s) ▼ Motor Capacity (p) ▼ Motor Capacity (s) ▼ Motor Cap (eu) (p) ▼ Motor Cap (eu) (s) ▼ Resistor R1 (p) ▼ Resistor R1 (s) ▼ Resistor R2 (p) ▼ Resistor R2 (s) ▼ Inductor L1+L2 (p) ▼ Inductor L1+L2 (s) ▼ Mut Inductor M (p) ▼ Mut Inductor M (s) ▼ Inertia J (p) ▼ Inertia J (s) ▼ ASR Kp (p) ▼ ASR Kp (s) ▼ ASR Ti (p) ▼ ASR Ti (s) ▼ ASR Kpp (p) ▼ ASR Kpp (s)
		▼ Carrier Freq	
	▼ Accel		<ul style="list-style-type: none"> ➤ ➤ Accel 1 (p) ▼ Accel 1 (s) ▼ Accel 2 ▼ Accel Curve ▼ Curve Constant
	▼ Decel		<ul style="list-style-type: none"> ➤ Decel 1 (p) ▼ Decel 1 (s) ▼ Decel 2 ▼ Decel Curve ▼ Curve Constant

▼ Operation

▼ Braking

▼ Protection

▶ DC Braking

▼ Regen Brake Ratio▶

▶ E-Thermal

▼ Overload

- ▶ Frequency Stop
- ▼ Operation Pattern
- ▼ Multi-stage Speed
- ▼ Process Advance 1
- ▼ Process Advance 2
- ▼ Process Advance 3
- ▼ Process Advance 4
- ▼ Process Advance 5
- ▼ Process Advance 6
- ▼ Process Advance 7
- ▼ Process Advance 8
- ▶ DCB Enable
- ▼ DCB Type
- ▼ DCB Freq
- ▼ DCB Force (start)
- ▼ DCB Force (stop)
- ▼ DCB Time (start)
- ▼ DCB Time (stop)
- ▼ DCB Shutoff Time
- ▼ Regen Brake Ratio▶
- ▶ E-Thermal Char (p)
- ▼ E-Thermal Char (s)
- ▼ E-Thermal Level (p)
- ▼ E-Thermal Level (s)
- ▼ E-Thermal Current 1
- ▼ E-Thermal Freq 1
- ▼ E-Thermal Current 2
- ▼ E-Thermal Freq 2
- ▼ E-Thermal Current 3
- ▼ E-Thermal Freq 3
- ▶ Oload Limit level
- ▼ Oload Limit Const
- ▼ Oload Limit Acc

▼ Terminal

▼ Freq Protect

- ▶ Min Freq Limit
- ▼ Max Freq Limit
- ▼ Jump Freq 1
- ▼ Jump Freq 2
- ▼ Jump Freq 3
- ▼ Jump Freq Width

▼ IPS

- ▶ IPS Failure Time
- ▼ IPS Wait Time
- ▼ IPS Restart Op
- ▼ IPS Tripping

▼ Other

- ▶ Max Freq Select
- ▼ SW Lock Mode
- ▼ STOP Key Enable
- ▼ Operation Direction
- ▼ Rev Run Prevention

▶ Analog Input

- ▶ Analog Input Voltage
- ▼ Analog Meter Corr
- ▼ Ext Freq (start)
- ▼ Ext Freq (end)
- ▼ Ext Freq % (start)
- ▼ Ext Freq % (stop)

▼ Signal Output

- ▶ Freq Arv Pattern
- ▼ Targ Accel Freq
- ▼ Targ Decel Freq
- ▼ Ov-Trq Power
- ▼ Ov-Trq Sig Regen

▼ Terminal Defs

- ▶ Input Pin 1
- ▼ Input Pin 2
- ▼ Input Pin 3
- ▼ Input Pin 4
- ▼ Input Pin 5
- ▼ Input Pin 6
- ▼ Input Pin 7
- ▼ Input Pin 8

▼ Option

▼ Monitor Signal

▶ Option Error

▼ Option Select

▼ Orient

▼ Position

▼ Torque

- ▼ Input Pin 1 NO/NC
- ▼ Input Pin 2 NO/NC
- ▼ Input Pin 3 NO/NC
- ▼ Input Pin 4 NO/NC
- ▼ Output Pin 11
- ▼ Output Pin 12
- ▼ Output Pin 1 NO/NC
- ▼ Output Pin 2 NO/NC
- ▼ Alarm Output NO/NC
- ▶
- ▶ OPI Error Oper.
- ▼ OP2 Error Oper.
- ▶ Encoder Pulses
- ▼ Option Ctrl Mode
- ▼ Option RO-TO
- ▶ Orient Stop Pos Chg
- ▼ Orient Stop Pos
- ▼ Orient Speed
- ▼ Orient Direction
- ▼ Orient End Range
- ▼ Orient End Delay
- ▶ Gear Setting Pos.
- ▼ Gear Ratio (num)
- ▼ Gear Ratio (den)
- ▼ Feed Fwd Gain
- ▼ Positional Gain
- ▶ Torque Limiter
- ▼ Fwd Torque Limit
- ▼ Rev Torque Limit
- ▼ Torque Boost (p)
- ▼ Torque Boost (s)
- ▼ V-gain Set Value

Status		▼ PID	<ul style="list-style-type: none"> ▶ PID Switching ▼ Feedback AC/DC ▼ Target PID Value ▼ PID P Gain ▼ PID I Gain ▼ PID D Gain
		▼ Digital	<ul style="list-style-type: none"> ▶ Dig Input Term ▼ Dig Output Term ▼ Dig Thermal Level
		▼ Analog	<ul style="list-style-type: none"> ▶ Ana Input Term ▼ Ana Output Term
		▼ Communications	<ul style="list-style-type: none"> ▶ COMM Baud Rate ▼ COMM Station Num ▼ COMM Data Bits ▼ COMM Parity ▼ COMM Parity ▼ COMM Stop Bits ▼ COMM Test Mode
		▶ P/S Selection	
		▼ Operation Status	<ul style="list-style-type: none"> ▶ - ▶ Status 1 ▼ Status 2 ▼ Status 3
		▼ Terminal Status	<ul style="list-style-type: none"> ▶ Terminal I/O Status ▼ Input Term Info 1 ▼ Input Term Info 2 ▼ Input Term Info 3 ▼ Input Term Info 4 ▼ Output Term Info

▼ Monitor Values

- ▶ OPE Freq Set. (p)
- ▼ OPE Freq Set. (s)
- ▼ TRM Freq Set.
- ▼ OP1 Freq Set.
- ▼ OP2 Freq Set.
- ▼ Preset Freq
- ▼ Current Freq
- ▼ Freq Multiplier
- ▼ Scaled Freq
- ▼ Rotation Dir.
- ▼ Mot Poles - rpm
- ▼ Rotation Speed
- ▼ Output Cur (A)
- ▼ Output Cur (%)
- ▼ Output Torque (%)
- ▼ P-N Voltage
- ▼ Input Voltage
- ▼ kW Power
- ▼ kW Hours
- ▼ kW Ratio
- ▼ Total Svc Time

- ▶ Country Code
- ▼ Model Code
- ▼ Voltage Class

▼ Inverter Setup

Trips



- Warning (p)
- ▼ Warning (s)
- ▼ Total # of Trips
- ▼ Cur. Trip Factor
- ▼ Trip Factor 1
- ▼ Tripping Freq 1
- ▼ Tripping Cur 1
- ▼ Tripping P-N V 1
- ▼ Days at Trip 1
- ▼ Trip Factor 2
- ▼ Tripping Freq 2
- ▼ Tripping Cur 2
- ▼ Tripping P-N V 2
- ▼ Days at Trip 2
- ▼ Trip Factor 3
- ▼ Tripping Freq 3
- ▼ Tripping Cur 3
- ▼ Tripping P-N V 3
- ▼ Days at Trip 3

Network Control



- Control Method
- ▼ Host Watchdog
- ▼ Timeout Action

Software Lock



- Operator Access
- ▼ SW Lock Mode

Configuration Mode

- [ENTER]

Reset KW Hours



