

# UDC 6300 Configuration Record Sheet

Group Prompt	Function Prompt	Value	Factory Setting	Group Prompt	Function Prompt	Value	Factory Setting
<b><u>TUNING</u></b>	PROP BD		1.0	<b><u>TUNINGL2</u></b> (Continued)	PVEU VAL6		0
	OR				PVEU VAL7		0
	GAIN		1.0		PVEU VAL8		0
	RATE MIN		0.00		GAIN VAL1		1
	RSET MIN		1.0		GAIN VAL2		1
	OR				GAIN VAL3		1
	RSET RPM		1.0		GAIN VAL4		1
	OR				GAIN VAL5		1
	MAN RSET		0		GAIN VAL6		1
	PROP BD2		1.0		GAIN VAL7		1
	OR				GAIN VAL8		1
	GAIN2		1.0				
	RATE2 MIN		0.00	<b><u>SP RAMP</u></b>	SP RAMP		DISABL
	RSET2 MIN		1.0		TIME MIN		3
	OR				FINAL SP		---
	RSET2 RPM		1.0		SP RATE		DISABL
	CYCSEC		20		RATE UP		0
	CYC2SEC		20		RATE DN		0
	SECURITY		0		RATE UP2		0
	LOCKOUT		CALIB		RATE DN2		0
	PVEU VAL1		0				
	PVEU VAL2		0	<b><u>ADAPTIVE</u></b>	ADAPTIVE		DISABLE
	PVEU VAL3		0		ADAPT L2		DISABLE
	PVEU VAL4		0		SP CHANG		10
	PVEU VAL5		0		PROC GAIN		1.0
	PVEU VAL6		0		CRITERIA		FAST
	PVEU VAL7		0		SP CHANG2		10
	PVEU VAL8		0		PROCGAIN2		1.0
	GAIN VAL1		1		CRITERIA2		FAST
	GAIN VAL2		1				
	GAIN VAL3		1	<b><u>ALGORITHM</u></b>	LOOP RATE		1.3X 2.3X
	GAIN VAL4		1		CONTR ALG		PIDA
	GAIN VAL5		1		MTR TIME		0
	GAIN VAL6		1		PID LOOPS		1 or 2
	GAIN VAL7		1		CONT2ALG		PIDA
	GAIN VAL8		1		OUT OVRD		LINEAR
					IN ALG 1		
<b><u>TUNINGL2</u></b>	PROP BD3		1.0		CONSTNT K		
	OR				CALC HIGH		
	GAIN3		1.0		CALC LOW		
	RATE MIN3		0.00		ALG1 INA		
	RSET MIN3		1.0		ALG1 INB		
	OR				ALG1 INC		
	RSET RPM3		1.0		IN ALG 2		
	OR				CONSTNT K2		
	MAN RSET3		0		CALC HIGH		
	PROP BD4		1.0		CALC LOW		
	OR				ALG2 INA		
	GAIN4		1.0		ALG2 INB		
	RATE4 MIN		0.00		ALG2 INC		
	RSET4MIN		1.0		8 SEG CHAR		
	OR				X0 VALUE		
	RSET4 RPM		1.0		X1 VALUE		
	CYC3SEC		20		X2 VALUE		
	CYC4SEC		20		X3 VALUE		
	PVEU VAL1		0		X4 VALUE		
	PVEU VAL2		0		X5 VALUE		
	PVEU VAL3		0		X6 VALUE		
	PVEU VAL4		0		X7 VALUE		

	PVEU VAL5		0		X8 VALUE		
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# UDC 6000 Configuration Record Sheet

Group Prompt	Function Prompt	Value	Factory Setting	Group Prompt	Function Prompt	Value	Factory Setting
<b>ALGORITM</b>	Y0 VALUE		0				
	Y1 VALUE		0				
	Y2 VALUE		0				
	Y3 VALUE		0				
	Y4 VALUE		0				
	Y5 VALUE		0				
	Y6 VALUE		0				
	Y7 VALUE		0				
	Y8 VALUE		0				
	8 SEG CHA2						
	X0 VALUE2						
	X1 VALUE2			<b>OUT ALG</b>	OUT ALG		CURRENT
	X2 VALUE2				4-20 RNG		100 PCT
	X3 VALUE2				OUT2 ALG		CURRENT
	X4 VALUE2				DO STATE		3OFF 4ON
	X5 VALUE2						
	X6 VALUE2			<b>INPUT 1</b>	XMITTER1		LINEAR
	X7 VALUE2				IN1 HIGH		1000
	X8 VALUE2				IN1 LOW		0
	Y0 VALUE2		0		RATIO 1		1.0
	Y1 VALUE2		0		BIAS 1		0
	Y2 VALUE2		0		FILTER 1		0
	Y3 VALUE2		0				
	Y4 VALUE2		0	<b>INPUT 2</b>	XMITTER2		LINEAR
	Y5 VALUE2		0		IN2 HIGH		1000
	Y6 VALUE2		0		IN2 LOW		0
	Y7 VALUE2		0		RATIO 2		1.0
	Y8 VALUE2		0		BIAS 2		0
	POLY NOM		DISABLE		FILTER 2		0
	CO VALUE		0				
	C1 VALUE		0	<b>INPUT 3</b>	XMITTER3		LINEAR
	C2 X 10-1		0		IN3 HIGH		1000
	C3 X 10-3		0		IN3 LOW		0
	C4 X 10-5		0		RATIO 3		1.0
	C5 X 10-7		0		BIAS 3		0
	TOTALIZER		DISABLE		FILTER 3		0
	E XXXXXXXXX						
	TOT SCALE		Eo	<b>INPUT 4</b>	XMITTER4		LINEAR
	TOT SECUR		UNLOCK		IN4 HIGH		1000
	E RESET ?		NO		IN4 LOW		0
	TOT RATE		SECOND		RATIO 4		1.0
					BIAS 4		0
					FILTER 4		0
<b>ADV MATH</b>	LOGGATES		DISABLE				
	GATE1 OUT		ANY GATE				
	GATE2 TYP		NOT USED	<b>INPUT 5</b>	IN5 TYPE		DISABLE
	GATE2 INA		CONST K		IN5 PULSE		DISABLE
	GATE2 K		0		XMITTER5		LINEAR
	GATE 2 INB		FIXED OFF		IN5 HIGH		1000
	GATE2 OUT		ANY GATE		IN5 LOW		0
	GATE3 TYP		NOT USED		RATIO 5		1.0
	GATE3 INA		CONST K		BIAS 5		0
	GATE3 K		0		FILTER 5		0
	GATE 3 INB		FIXED OFF				



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Group Prompt	Function Prompt	Value	Factory Setting	Group Prompt	Function Prompt	Value	Factory Setting
<b>CONTROL</b>	PVSOURCE		IN1	<b>OPTIONS</b>	CUR OUT2		OUT 2
	PID SETS		1 ONLY		4ma VAL		0
	SW VALUE		0.00		20ma VAL		100.0
	LSP's		NONE		DIG IN1		NONE
	RSPSRC		NONE		DIG1 COMB		DISABLE
	AT BIAS		DISABLE		DIG IN2		NONE
	SP TRACK		NONE		DIG2 COMB		DISABLE
	PWR MODE		AM SP				
	PWR OUT		F'SAFE	<b>COM</b>	ComSTATE		DISABL
	SP HILIM		1000		ADDRESS		3
	SP LOLIM		0		ADDRESS2		0
	ACTION		REVERSE		SLOT 1A		
	OUT HILIM		100.0		SLOT 1B		
	OUT LOLIM		0.0		SLOT 2A		
	I HILIM		100		SLOT 2B		
	I LOLIM		0		SHEDTIME		0
	DROPOFF		0.0		PARITY		ODD
	DEADBAND		2.0		BAUD		300
	OUT HYST		0.5		SHEDMODE		LAST
	FAILMODE		NON LATCH		SHED SP		TO LAST
	FAILSAFE		0.0		UNITS		PERCENT
	PBorGAIN		GAIN		CSP RATIO		1
	MINorRPM		MIN		CSP BAIS		0
					CSP2 RATIO		1
<b>CONTROL</b>	PV2 SRC		IN1		CSP2 BAIS		0
	PID SETS		1 ONLY		LOOPBACK		DISABL
	SW VALUE		0.00				
	LSP's		NONE	<b>ALARMS</b>	A1S1 VAL		90
	RSPSRC		NONE		A1S2 VAL		10
	AUTO BIAS		DISABLE		A2S1 VAL		95
	SP TRACK		NONE		A2S2 VAL		5
	PWR MODE		AM SP		A1S1TYPE		NONE
	PWR OUT		F'SAFE		A1S2TYPE		NONE
	SP HILIM		1000		A2S1TYPE		NONE
	SP LOLIM		0		A2S2TYPE		NONE
	ACTION		REVERSE		A1S1 HL		HI
	OUT HILIM		100.0		A1S2 HL		LO
	OUT LOLIM		0.0		A2S1 HL		HI
	I HILIM		100		A2S2 HL		LO
	I LOLIM		0		AL HYST		0.1
	DROPOFF		0.0		ALM ACT		ENERGIZE
	DEADBAND		2.0		ALM OUT1		NON LATCH
	OUT HYST		0.5		ALM OUT 2		NON LATCH
	FAILMODE		NON LATCH				
	FAILSAFE		0.0	<b>DISPLAY</b>	DECIMAL		XXXX
					DECIMAL2		XXXX
					TEMPUNITS		NONE
					PWR FREQ		60 HZ
					SPGRAPH		DISABLE
					2LOOP DIS		FULL
					ID TAG		ENABLE
					ID TAG2		HONEYWELL
					PV TAG		DISABLE
					PV TAG2		DISABLE
					RATIO4SET		DISABLE