



FEATURE

- * EASY OPERATION , With JOG-DIAL
- * "LCD" DISPLAY , BACK LIGHT
- * MEMORY STORE & RECALL 100 POINTS
- * AUTO STEP RUNNING(MAX 100 FUNCTION)
- * TIME/SLOPE/COUNTER/OVP SETTING
- * OCP/OVP/OTP PROTECTION
- * WARNING SYSTEM MESSAGE
- * CONSTANT VOLATAGE & CURRENT OUT
- * HIGH STABILITY & HIGH ACCURACY
- * LOW DRIFT & LOW RIPPLE
- * V-SENSING FUNCTION
- * RS-232C / GP-IB INTERFACE (Option)
- * ANALOG INPUT (0~10V dc Remote Function)
- * EXTERNAL OUTPUT ON/OFF FUNCTION

SPECIFICATION UDP SERIES 3KW	MODEL	UDP-30100	UDP-6050	UDP-15020
	OUTPUT	30V 100A	60V 50A	150V 20A
OUTPUT	WATT	3,000W	3,000W	3,000W
	VOLTAGE(CV)	0 ~ 30V	0~60V	0~150V
	CURRENT(CC)	0 ~ 100A	0~50A	0~20A
Programming Accuracy (At 25°C±5°C)	Voltage	0.04% + 14 mV	0.04% + 30 mV	0.06% + 80 mV
	Current	0.1% + 100 mA	0.1% + 50 mA	0.1% + 20 mA
RIPPLE & NOISE (from 20Hz to 20MHz)	Voltage normal mode(rms/p-p)	7 mV/14 mV	6 mV/12 mV	15 mV/30 mV
	Current	200 mA	100 mA	40 mA
Readback Accuracy (At 25°C±5°C)	Voltage	0.04% + 14 mV	0.04% + 30 mV	0.06% + 80 mV
	Current	0.1%+100 mA	0.1%+50 mA	0.1%+20 mA
LOAD REGULATION	Voltage	11 mV	10 mV	20 mV
	Current	100 mA	50 mA	20 mA
LINE REGULATION	Voltage	11 mV	10 mV	20 mV
	Current	10 mA	5 mA	2 mA
CONTROL RESOLUTION	Voltage	1 mV	10 mV	10 mV
	Current	10 mA	10 mA	1 mA
L.C.D DISPLAYER	VOLTAGE	2×16 LCD 4 ½ AUTO RANGE OF 5 READING/Sec		
	CURRENT	2×16 LCD 4 ½ AUTO RANGE OF 5 READING/Sec		
PROTECTION SETTING	OVER VOLTAGE	FULL SCALE OF DC OUTPUT VOLTAGE + 9%		
	OVER CURRENT	FULL SCALE OF DC OUTPUT CURRENT + 2% (ONLY O.C.P OUTPUT MODE)		
	TEMPERATURE	ONLY HEAT SINK 85°C		
AUTO SEQUENCE (DYNAMIC)	AUTO RUN STEP	MAXIMUM 100 STEP		
	SETTING TIME	1ms ~ 50,000s (Per 10 µs)		
	SLOPE TIME	1ms ~ 50s (Per 10 µs)		
	COUNTER	1 ~ 50,000 CYCLE ("0" SET: ∞)		
TRANSIENT RECOVERY TIME		100 µs (50% LOAD CHARGE,MINIMUM LOAD 0.5A)		
OPERATING ENVIRONMENT		0~50 °C,80%R.H.		
MEMORY ADDRESS		MAX. 100 POINTS (VOLTAGE, CURRENT, TIME, SLOPE)		
INTERFACE FOR PC		GP-IB(OPTION), RS-232C(RS-485)		
AC POWER SOURCE		AC 110/220V ± 10% , 50/60 Hz (CUSTOMER MADE)		
ACCESSORIES		INPUT POWER CORD, MANUAL , OUTPUT CABLE, SOFTWARE(ONLY RS-232C) CD , RS-232C CABLE		
WEIGHT (APPROX)		125 Kg	129 Kg	120 Kg
DIMENSION(W*H*D mm)		420*720*680	420*720*680	420*720*680