

GP-1303DU/TP, GP-1305DU/TP, GP-1503DU/TP



FEATURES

- Two or triple output(two variable, one fixed)
Variable($0 \sim \pm 30V$, $0 \sim \pm 50V$), fixed($5V$: TP models only)
- Output current : $0 \sim 3A$, $0 \sim 5A$, $3A$ (fixed)
- Low ripple and noise
- Constant Voltage (C.V) and Constant Current(C.C)
- Built-in-3 digit green LED display
- Auto Tracking
- Auto series and parallel operation
- Over voltage protection (O.V.P.)
- Over load protection (including $5V/3A$)
- Output ON/OFF control
- No load current limit control function
- External remote control operation (option)

SPECIFICATIONS

SPEC		MODEL	GP-1303DU/TP	GP-1305DU/TP	GP-1503DU/TP
Output voltage & current	Independent		$0 \sim \pm 30V/0 \sim 3A$	$0 \sim \pm 30V/0 \sim 5A$	$0 \sim \pm 50V/0 \sim 3A$
	Serial		$0 \sim 60V/0 \sim 3A$	$0 \sim 60V/0 \sim 5A$	$0 \sim 100V/0 \sim 3A$
	Parallel		$0 \sim 30V/0 \sim 6A$	$0 \sim 30V/0 \sim 10A$	$0 \sim 50V/0 \sim 6A$
Fixed output voltage			$5V/3A$ (TP models only)		
Ripple / noise			$\leq 0.5mVrms$	$\leq 1mVrms$	$\leq 0.5mVrms$
Regulation	Line		$\leq 0.01\% + 2mV$		
	Load		$\leq 0.01\% + 3mV$		
5V fixed output (TP models only)			Line regulation : $\leq 5mVrms$		
			Load regulation : $\leq 20mVrms$		
			Ripple & noise : $\leq 5mVrms$		
			Voltage accuracy : $\pm 0.25V$		
Display accuracy(V/A)			Protection(O.L.P.) : lamp on and the output voltage drops when the output current is exceeded by 110% of the rated current.		
Tracking operation			$\pm(1\% \text{ of rdg. } \pm 1 \text{ digit})$		
Protection			Tracking error : less than $\pm 0.5\% + 8mV$		
			Series regulation : less than $300mV$		
			O.V.P. : when the output voltage is exceeded by approx. 110% of the maximum voltage (output voltage cut-off)		
Insulation			Output on/off control : output is produced only when power s/w and output s/w on(to prevent unexpected output)		
			Overload protection(C.C. mode) : output voltage comes down when the output current reaches to the set value		
Ambient temperature			Between chassis and output terminal : $20 \text{ } \Omega$ or above (DC 500V)		
			Between chassis and AC cord : $50 \text{ } \Omega$ or above (DC 500V)		
Power Source			$0^{\circ}C \sim +40^{\circ}C$		
Dimension(W x H x D)			AC90-132V, AC198-264V, 50/60 Hz		
Weight(approx.)			$235 \text{ mm} \times 136 \text{ mm} \times 370 \text{ mm}$		
Accessories			11.5 kg	14 kg	14 kg
			Short circuit bar $\times 2$, fuse $\times 1$, operator's manual, AC power cord		