

GPS Triple Series

195 WATT LINEAR

FEATURES

- 3 Independent Isolated Output
- Four "3 Digits" LED Display
- 0.01% Load and Line Regulation
- Low Ripple and Noise
- Tracking Operation and Auto Series/Parallel Operation
- Output ON/OFF Switch
- Output Voltage and Current Setting When Output Disable
- Fan Speed Control Circuit to Minimize Fan Noise
- Over Load and Reverse Polarity Protection



SPECIFICATIONS

CONSTANT VOLTAGE OPERATION (CH1, CH2)

Line regulation	$\leq 0.01\% + 3\text{mV}$
Load regulation	$\leq 0.01\% + 3\text{mV}$ (rating current $\leq 3\text{A}$) $\leq 0.02\% + 5\text{mV}$ (rating current $> 3\text{A}$)
Ripple & noise	$\leq 1\text{mVrms}$ 5Hz ~ 1MHz
Recovery tTime	$\leq 100\text{mS}$ (50% load change, minimum load 0.5A)

CONSTANT CURRENT OPERATION (CH1, CH2)

Line regulation	$\leq 0.2\% + 3\text{mA}$
Load regulation	$\leq 0.2\% + 3\text{mA}$
Ripple current	$\leq 1\text{mVrms}$ 5Hz ~ 1MHz

5V FIXED OUTPUT

Regulation	Line regulation $\leq 5\text{mV}$ Load regulation $\leq 10\text{mV}$
Ripple & noise	$\leq 3\text{mArms}$

TRACKING OPERATION (CH1, CH2)

Tracking error	$\leq 0.5\% + 10\text{mV}$ of CH1
Series regulation	$\leq 0.01\% + 5\text{mV}$
Load regulation	$\leq 300\text{mV}$
Ripple & noise	$\leq 2\text{mVrms}$, 5Hz ~ 1MHz

FIXED OUTPUT (CH3)

Voltage	5V
Line regulation	$\leq 5\text{mV}$
Load regulation	$\leq 10\text{mV}$
Ripple & noise	$\leq 2\text{mVrms}$
Output current	3A

METER

Digital	3 1/2 digits 0.5" LED display
Accuracy	$\pm(0.5\%$ of rdg + 2 digits)

SAFETY

	IEC/EN 61010-1
CE mark	Yes

INSULATION

Chassis and terminal	$\leq \text{DC } 500\text{V} / 20\text{MW}$
Chassis and AC cord	$\leq \text{DC } 500\text{V} / 30\text{MW}$

POWER SOURCE

Input voltage	AC 100V/120V/220V $\pm 10\%$, 230V(+10% ~ -6%), 50/60Hz
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DIMENSIONS & WEIGHT

Case	255(W) x 145(H) x 265(D) mm Approx 7kg
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SELECTION TABLE

MODEL NUMBER	CH1 / CH2	CH3	TRACKING SERIES V	TRACKING PARALLEL I
GPS-3303	0-30V / 0-3A	5V / 3A Max	60V / 3A	30V / 6A