MODEL- RPS-3302T

SLAVE OUTPUT ISOLATED AUTOMATICALLY & MASTER CONTROLS ON TRACKING MODES

TECHNICAL SPECIFICATIONS	
Output Voltage (Channel 1 & 2)	: 0-33.0 Volt
Output Current (Channel 1 & 2)	: 0-2.00 Ampere
Metering	: 7 segment LED 3 Digit DPM Green/ Red.
Meter Accuracy	: ±3 counts.
CONSTANT VOLTAGE MODE (Channel 1 & 2)	
Line Regulation	: ±0.1% ±2mV for ±10% change in line output.
Load Regulation	: ±0.1% ±2mV for load change from zero to full load.
Ripple & Noise	: <0.01% rms
CONSTANT CURRENT MODE (Channel 1 & 2)	
Line Regulation	: ±0.1% ±500µA for ±10% line change.
Load Regulation	: ±0.1% ±500µA for change in output voltage from 0 - to maximum
Ripple & Noise	: 0.05% rms.
Mode of Indication CV	: GREEN LED indication for Constant Voltage (CV)operating mode.
Mode of Indication CC	: RED LED indication for Constant Current (CC) operating mode
Output Polarity	: Floating with respect to ground.
Overload & Short Circuit	: Automatically Protected
Over temperature Protection	: Automatic Cut off and Resume
TRACKING MODES	
Independent Mode	: Each Channel Individually controls for 0-33 Volt and 0-2 Amps
Parallel Mode	: MASTER Controls both Channel to get 0-33 volt and 0-4 Amps
Series Mode	: MASTER Controls both Channel to get 0-66 volt and 0-2 Amps
STABILITY* (Channel 1 & 2) (Operating Temperature between 0-50°C ±10%.)	
Total drift in CV mode	: < ±0.2% + 5mV (within 8 hours after warm-up)
Total drift in CC mode	: < ±0.5% + 5mA (within 8 hours after warm-up)
FIXED OUTPUT	**: 5Volt 5 Ampere with over load and Short circuit protection**
Line Voltage	: 230V AC ±10% 50Hz,single phase
Dimensions**	: 156.0mm(H) 306.0mm(W) 400.0mm(D) Weight : 10.0kg(Approx.)

*Note: Sai Systems reserves the right to specifications and are subject to change without notice.*With constant line, load and ambient temperature conditions. ** All dimensions are behind the panel 4 excluding legs*

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