Programmable Switching D.C. Power Supply

NEW

CE

c(ETL)us
LISTED
116525

FEATURES :
* **Wide Input Voltage Range and High Power Factor (P.F)**
* **High Efficiency and High Power Density**
* **Constant Voltage and Constant Current Operation**
* **Over Voltage、Over Current and Over Temperature Protection**
* **Low Ripple and Noise**
* **Output ON/OFF Control**
* **Self-Test and Software Calibration**
* **LCD Display**
* **Built-in Buzzer Alarm**
* **Standard Interface : RS-232C**
* **Option : GPIB (IEEE-488.2)**

PSH-Series   **(Note: Unable to install RS-232C & GPIB Simultaneously)**

SPECIFICATIONS				
OUTPUT	**10V**	36A(PSH-1036)	70A(PSH-1070)	100A(PSH-10100)
	20V	18A(PSH-2018)	35A(PSH-2035)	50A(PSH-2050)
	36V	10A(PSH-3610)	20A(PSH-3620)	30A(PSH-3630)
	60V	6A(PSH-6006)	12A(PSH-6012)	18A(PSH-6018)
REGULATION (CV)	**Load**	$\leq$ 0.1%+5mV	$\leq$ 0.1%+5mV	$\leq$ 0.1%+5mV
	Line	$\leq$ 0.05%+5mV	$\leq$ 0.05%+5mV	$\leq$ 0.05%+5mV
REGULATION (CC)	**Load**	$\leq$ 0.2%+5mA	$\leq$ 0.2%+10mA	$\leq$ 0.2%+15mA
	Line	$\leq$ 0.2%+5mA	$\leq$ 0.2%+10mA	$\leq$ 0.2%+15mA
RIPPLE & NOISE	**Voltage (mVrms)**	$\leq$ 10mVrms	$\leq$ 10mVrms	$\leq$ 10mVrms
	Voltage (mVp-p)	$\leq$ 100mVp-p 20Hz~20MHz	$\leq$ 100mVp-p 20Hz~20MHz	$\leq$ 100mVp-p 20Hz~20MHz
	Current (mArms)	$\leq$ 0.2%	$\leq$ 0.2%+20mA	$\leq$ 0.2%+40mA
RESOLUTION	**Voltage** **$\leq$36V**	10mV	10mV	10mV
	>36V	20mV	20mV	20mV
	Current **10V**	10mA	20mA	30mA
	20V	10mA	10mA	20mA
	36V	10mA	10mA	10mA
	60V	10mA	10mA	10mA
PROGRAM ACCURACY	**Voltage** **$\leq$36V**	$\leq$ 0.05%+25mV	$\leq$ 0.05%+25mV	$\leq$ 0.05%+25mV
	>36V	$\leq$ 0.05%+50mV	$\leq$ 0.05%+50mV	$\leq$ 0.05%+50mV
	Current **10V**	$\leq$ 0.2%+30mA	$\leq$ 0.2%+60mA	$\leq$ 0.2%+90mA
	20V	$\leq$ 0.2%+30mA	$\leq$ 0.2%+30mA	$\leq$ 0.2%+60mA
	36V	$\leq$ 0.2%+30mA	$\leq$ 0.2%+30mA	$\leq$ 0.2%+30mA
	60V	$\leq$ 0.2%+30mA	$\leq$ 0.2%+30mA	$\leq$ 0.2%+30mA
READBACK (METER) RESOLUTION	**Voltage**	As Resolution	As Resolution	As Resolution
	Current	As Resolution	As Resolution	As Resolution
READBACK (METER) ACCURACY	**Voltage**	As Program Accuracy	As Program Accuracy	As Program Accuracy
	Current	As Program Accuracy	As Program Accuracy	As Program Accuracy
READBACK TEMP. COEFFICIENT	**Voltage (25$\pm$5℃)**	$\leq$ 100ppm/$^\circ$C	$\leq$100ppm/$^\circ$C	$\leq$100ppm/$^\circ$C
RESPONSE (RISE/FALL) TIME	**Voltage Up(10%~90%)**	$\leq$ 150mS($\leq$95% rating load)	$\leq$ 150mS($\leq$95% rating load)	$\leq$ 150mS($\leq$95% rating load)
	Voltage Down(90%~10%)	$\leq$ 150mS($\geq$10% rating load)	$\leq$ 150mS($\geq$10% rating load)	$\leq$ 150mS($\geq$10% rating load)
RECOVERY TIME (50% Step Load Change From 25%~75%)	**CV Mode**	$\leq$ 2mS	$\leq$2mS	$\leq$2mS
PROTECTION	**OVP/OCP/OTP**	∨	∨	∨
	Rush Current	∨	∨	∨
OUTPUT ON/OFF CONTROL		∨	∨	∨
INTERFACE	Standard : RS-232C; Option : GPIB (IEEE-488.2)...Unable to be installed Simultaneously			
POWER SOURCE	AC90V~250V, 50/60Hz			
ACCESSORY	Instruction manual x 1			
DIMENSIONS & WEIGHT		108(W)x141(H)x388(D)mm Approx. 3.3kg	188(W)x141(H)x388(D)mm Approx. 6.2kg	268(W)x141(H)x388(D)mm Approx. 9.3kg

ISO-9001 & ISO-14001