



MPS-3000S series

The multi-channel DC power supply has no problem solution, high-level and high stability, and has over-voltage, redundant protection function, provides serial and parallel working mode, the resolution is up to 10mV / 1mA.

Features

- Three channels display voltage and current at the same time, and can be adjusted
- Intelligent temperature control fan to reduce noise
- Choice of series-parallel or synchronous mode
- Low ripple and noise
- Software monitoring and correction can be done via computer
- Remote measurement function (SENSE) to compensate for voltage drop on the line
- Timing output time (0 ~ 99999.9 seconds)
- Output has switch control
- 40 sets of setting data can be saved and quickly recalled

model		MPS-3033S	MPS-3063S	MPS-6033S
Rated output	Voltage	0 ~ 31V * 2/0 ~ 6V * 1	0 ~ 31V * 2/0 ~ 6V * 1	0 ~ 61V * 2/0 ~ 6V * 1
	Electric current	0 ~ 3A * 3	0 ~ 6A * 2/0 ~ 3A * 1	0 ~ 3A * 3
Load regulation	Voltage	$\leq 0.01\% + 3\text{mV}$		
	Electric current	$\leq 0.01\% + 3\text{mA}$		
Power regulation	Voltage	$\leq 0.01\% + 3\text{mV}$		
	Electric current	$\leq 0.01\% + 3\text{mA}$		
Set resolution	Voltage	10mV		
	Electric current	1mA		
Readback resolution	Voltage	10mV		
	Electric current	1mA		
Set accuracy	Voltage	$\leq 0.03\% + 2 \text{ bytes}$		
	Electric current	$\leq 0.1\% + 5\text{mA}$	$\leq 0.1\% + 8\text{mA}$	$\leq 0.1\% + 5\text{mA}$
Readback accuracy	Voltage	$\leq 0.03\% + 2 \text{ bytes}$		
	Electric current	$\leq 0.1\% + 5\text{mA}$	$\leq 0.1\% + 8\text{mA}$	$\leq 0.1\% + 5\text{mA}$

Ripple and noise	Voltage rms	$\leq 2\text{mVrms}$
	Electric current	$\leq 5\text{mA}_{\text{rms}}$
Series and parallel setpoint accuracy	Voltage	$\leq 0.02\% + 2 \text{ bytes}$
	Electric current	$\leq 0.1\% + 30\text{mA}$
memory	Store / Call	40 groups
	Features	Timing off output
Timer	time setting	0.1s ~ 99999.9s
	Resolution	0.1s
Operating temperature		0 ~ 40 ° C
Bare metal size	mm	255 * 110 * 380
Packing size	mm	325 * 210 * 475
net weight	kg	8.5
Gross weight	kg	10