

SPS – USER SETTABLE PARAMETERS

User Adjustable Parameters	Values	SPS-24-6000P-30	SPS-24-6000P-20	SPS-24-6000P-4	SPS-24-6000N-30	SPS-24-6000N-20	SPS-24-6000N-4	SPS-24-4000P-30	SPS-24-4000P-20	SPS-24-4000P-4	SPS-24-4000N-30	SPS-24-4000N-20	SPS-24-4000N-4	SPS-24-2000P-30	SPS-24-2000P-20	SPS-24-2000P-4	SPS-24-2000N-30	SPS-24-2000N-20	SPS-24-2000N-4	SPS-24-1000P-30	SPS-24-1000P-20	SPS-24-1000P-4	SPS-24-1000N-30	SPS-24-1000N-20	SPS-24-1000N-4	SPS-24-500P-30	SPS-24-500P-20	SPS-24-500P-4	SPS-24-500N-30	SPS-24-500N-20	SPS-24-500N-4	SPS-24-250P-30	SPS-24-250P-20	SPS-24-250P-4	SPS-24-250N-30	SPS-24-250N-20	SPS-24-250N-4	Increment					
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Digital setpoint for output voltage (V)	Max	6000						4000						2000						1000						500						250									1 Volt		
	Min	0			-6000			0						0						-2000						0						-500			0								
	Default	6000			-6000			4000						2000						-2000						500						-500			250								
Digital setpoint for current limit (mA)	Max	5	3.33	0.66	5	3.33	0.66	7.5	5	1	7.5	5	1	15	10	2	15	10	2	30	20	4	30	20	4	60	40	8	60	40	8	120	80	16	120	80	16				1 µA		
	Min				0						0									0						0						0											
	Default				0						0									0						0						0											
Output Enabled @ Startup?	Range	Yes or No (Enabled or Disabled)																																									
	Default	Yes (Enabled)																																									
Use digital setpoint for output voltage?	Range	Yes or No (Digital or Analog)																																									
	Default	No (Analog)																																									
Enable current limiting?	Range	Yes or No																																									
	Default	Yes																																									
Use digital setpoint for current limiting?	Range	Yes or No (Digital or Analog)																																									
	Default	No (Analog)																																									
Number of faults before output locked out	Range	Min = 1, Max = 100																																									
	Default	4																																									
Time output is disabled for each fault	Range	Min = 500 milliseconds, Max = ~49 days																																									
	Default	500																																									

Customer requested values for user-settable parameters can be stored into a special area of non-volatile memory at the factory. Recall of these values can be achieved by a single m2m command.

GPIO Parameters		All Models	Increment
GPIO 0-5 State (If configured as output)	Range	High or Low	-
	Default	Low	
GPIO 0-5 Pin Direction and drive	Range	Choice of push-pull output, open-drain output, Input w/ pull-up, Input w/ pull-down, or Input w/out pull	-
	Default	Push-Pull output	
GPIO 0-5 Mode (Only GPIO 0-2 have auto modes)	Range	Auto / Manual	-
	Default	Auto	

Customer requested values for user-settable GPIO parameters can be stored into a special area of non-volatile memory at the factory. Recall of these values can be achieved by a single m2m command.

M2M Parameter		All Models	Increment
M2M address	Range	Min 1, Max 254	1
	Default	1	

A customer requested value for the m2m address can be pre-loaded into the device at the factory. The user may change this value, but cannot recall the value stored at the factory.

Values are accurate for all hardware options of each model number. Virtually limitless configuration options as well as performance and feature customizations are possible through software changes. Contact the factory or authorized sales partner to discuss specific needs.