PS 2000 B

1 对象 / Object	2 描述 / Description	3 访问 / Access	5 数据类型 / Data type	6 数据字节长度 / Data length in Bytes	7 'char'类型的掩码 / Mask for type 'char'	8 数据 / Data	9 举例或进一步描述 / Example or further description
0	产品型号 / Device Type	ro	string	16			PS8065-10 + EOL (EOL=行尾为0x00)
1	产品系列号 / Device serial no.	ro	string	16			2008000000 + EOL
2	额定电压 / Nominal voltage	ro	float	4			U额定 / Unom = 65.0 (基于IEEE75浮点数 / Floating point number IEEE754 Standard)
3	额定电流 / Nominal current	ro	float	4			I额定 / Inom = 10.0 (基于IEEE75浮点数 / Floating point number IEEE754 Standard)
4	额定功率 / Nominal power	ro	float	4			P额定 / Pnom = 650.0 (基于IEEE75浮点数 / Floating point number IEEE754 Standard)
6	产品编号 / Device arcticle no.	ro	string	16			09200120 + EOL
7	用户文本 / User text	rw	string	16			最多15个字符 / Max. 15 characters + EOL
8	生产商 / Manufacturer	ro	string	16			生产商名称 / Manufacturer's name + EOL
9	软件版本 / Software version	ro	string	16			V2.01 09.08.06 + EOL
19	产品级别 / Device class	ro	int	2			0x0010 = PS 2000 B Single, 0x0018 = PS 2000 B Triple
38	OVP极限 / OVP threshold	rw	int	2			过压设定值 (Unom * 1.1 * 256的%) / Overvoltage set value (% of 1.1 * Unom * 256)
50	U设定值 / Set value U	rw	int	2			设定电压 (Unom * 256的%) / Set value of voltage (% of Unom * 256)
51	I 设定值 / Set value I	rw	int	2			设定电流 (Inom * 256的%) / Set value of current (% of Inom * 256)
54	电源控制 / Power supply control	rw	char	2	0x01 0x01 0x0A 0x10 0x10 0xF0 0xF0	0x00 0x01 0x0A 0x00 0x10 0xF0 0xE0	关闭功率输出 / Switch power output off 打开功率输出 / Switch power output on 确认报警 / Acknowledge alarms 停用远程控制模式 / Deactivate remote control 激活远程控制模式 / Activate remote control Tracking 打开 / Tracking on Tracking 关闭 / Tracking off

71	状态 + 实际值 / Status + Actual values	ro	int	6		Byte 0:
						  Bits 1+0:
						Byte 1:
						  Bit 0:
						  Bits 2+1:
						  Bit 3:
						  Bit 4:
						  Bit 5:
						  Bit 6:
						  Bit 7:
						Word 1:
						Word 2:
							查询产品状态 / Query device state
							00 = 自由访问 / free access; 01=Remote
							
							1 = 打开输出 / Output on
							控制状态 / Controller state: 00=CV; 01=CC
							1 = Tracking模式被激活 / Tracking active **
							1 = OVP被激活 / OVP active
							1 = OCP被激活 / OCP active
							1 = OPP被激活 / OPP active
							1 = OTP被激活 / OTP active
							实际电压 (Unenn的% * 256) / Actual voltage (% of Unom * 256)
							实际电流 (Inenn的% * 256) / Actual current (% of Inom * 256)

72	状态 + 暂时的设定值 / Status + Momentary set values	ro	int	6		Byte 0:
						  Bits 1+0:
						Byte 1:
						  Bit 0:
						  Bits 2+1:
						  Bit 3:
						  Bit 4:
						  Bit 5:
						  Bit 6:
						  Bit 7:
						Word 1:
						Word 2:
							查询产品状态 / Query device state
							00 = 自由访问 / free access; 01=Remote
							
							1 = 打开输出 / Output on
							控制状态 / Controller state: 00=CV; 10= CC
							1 = Tracking模式被激活 / Tracking active **
							1 = OVP被激活 / OVP active
							1 = OCP被激活 / OCP active
							1 = OPP被激活 / OPP active
							1 = OTP被激活 / OTP active
							设定电压 (Unenn的% * 256) / Set value of voltage (% of Unom * 256)
							设定电流 (Inenn的% * 256) / Set value of current (% of Inom * 256)

注解 / Legend:
ro = 只读 / Read only
rw = 读和写 / Read and write
int = 16位数值 / value
char = 8位数值 / value
float = 32位浮点数 / Floating point number
string = 以0x00为结尾的字符串 / String with 0x00 at the end
* 举例：192.168.0.10 会生成 C0 A8 00 0A / Example: 192.168.0.10 results in C0 A8 00 0A

** 仅针对PS 2000 B Triple / PS 2000 B Triple only