KA3005P Remote Control Syntax

Command format ： VSET<X>:<NR2>

    1. VSET: command header

    2. X: output channel

    3. : separator

    4. NR2: parameter

Command Details:

1. **ISET<X>:<NR2>**

Description： Sets the output current.
Example:**ISET1:2.225**
Sets the CH1 output current to 2.225A

2. **ISET<X>?**

Description： Returns the output current setting.
Example: **ISET1?**
Returns the CH1 output current setting.

3. **VSET<X>:<NR2>**

Description： Sets the output voltage.
Example **VSET1:20.50**
Sets the CH1 voltage to 20.50V

4. **VSET<X>?**

Description： Returns the output voltage setting.
Example **VSET1?**
Returns the CH1 voltage setting

5. **IOUT<X>?**

Description： Returns the actual output current.
Example **IOUT1?**
Returns the CH1 output current

6. **VOUT<X>?**

Description： Returns the actual output voltage.
Example **VOUT1?**
Returns the CH1 output voltage

7. **TRACK<NR1>**

Description：Selects the operation mode: independent, trackingseries, or tracking parallel.
NR1 0: Independent
1: Tracking series
2: Tracking parallel
Example: **TRACK0**
Selects the independent mode.
Note: This command is applied to Multiplel-channel models only.

8. BEEP<Boolean>

Description：Turns on or off the beep. Boolean: boolean logic.
Example **BEEP1**   Turns on the beep.

9. OUT<Boolean>

Description：Turns on or off the output.
Boolean：0 OFF,1 ON
Example: **OUT1**   Turns on the output

10. **STATUS?**

Description：Returns the POWER SUPPLY status.
Contents 8 bits in the following format
Bit Item Description
0 CH1 0=CC mode, 1=CV mode
1 CH2 0=CC mode, 1=CV mode
2, 3 Tracking 00=Independent, 01=Tracking series,11=Tracking parallel
4 Beep 0=Off, 1=On
5 Lock 0=Lock, 1=Unlock
6 Output 0=Off, 1=On
7 N/A N/A

11. *****IDN?**

Description：Returns the PS3005D identification.
 Example *****IDN?**
Contents VELEMAN PS3005D V1.3 (Manufacturer, model name,).

12. **RCL<NR1>**

Description：Recalls a panel setting.
NR1 1 – 5: Memory number 1 to 5
Example **RCL1**   Recalls the panel setting stored in memory number 1

13. **SAV<NR1>**

Description：Stores the panel setting.
NR1 1 – 5: Memory number 1 to 5
Example ：**SAV1** Stores the panel setting in memory number 1