

72-2540 Series Remote Control Syntax V4.0

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. BEEP<Boolean>

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

Example: **BEEP1** Turns on the beep.

8. OUT<Boolean>

Description: Turns on off the output.

Boolean: 0 OFF, 1 ON

Example: **OUT1** Turns on the output

9. STATUS?

Description: reading the status of the power supply returning

Contents: 8 bits follow the below formats

| Bit | Content | Description |
|------|----------|--|
| 0 | CH1 | 0=CC mode, 1=CV mode |
| 1 | CH2 | 0=CC mode, 1=CV mode |
| 2, 3 | Tracking | 01=independent, 11=serial connection, 10=parallel connection |
| 4 | Beep | 0=OFF, 1=ON |
| 5 | OCP | 0=OCP OFF, 1=OCP ON |
| 6 | Output | 0=OFF, 1=ON |
| 7 | OVP | 0=OVP OFF, 1=OVP ON |

10. *IDN?

Description: Returns the 72-2540 identification.

Example ***IDN?**

Contents TENMA 72-2540 V4.0 (Manufacturer, model name,).

11. RCL<NR1>

Description: Recalls a panel setting.

NR1 1-5: Memory number 1 to 5

Example **RCL1** Recalls the panel setting stored in memory number1

12. SAV<NR1>

Description: Stores the panel setting.

NR1 1-5: Memory number 1 to 5

Example **SAV1** Stores the panel setting stored in memory number1

13. OCP<Boolean>

Description: Stores the panel setting.

Boolean: 0 OFF, 1 ON

Example: **OCP1** Turns on the OCP

14. OVP<Boolean>

Description: Turns on the OVP.

Boolean: 0 OFF, 1 ON

Example: **OVP1** Turns on the OVP