

# **UNI-T**

## **Programming Manual**

### **UDP6700 Series Programming Manual**

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➤ 1.\*IDN?

Query device information.

➤ 2.MEASure:VOLTage?

MEASure:CURRent?

MEASure:POWER?

Query the read back voltage current power value.

➤ 3.MEASure:ALL?

At the same time query the readback voltage, current and power values.

➤ 4.[SOURce:]VOLTage <value>

[SOURce:]CURRent <value>

Set the output voltage (current) value. If the protection function is turned on and the set value is greater than the protection value, the setting is invalid.

➤ 5.[SOURce:]VOLTage:PROTection <value>

[SOURce:]CURRent:PROTection <value>

Set the protection value of the overvoltage (overcurrent) protection function.

➤ 6.[SOURce:]VOLTage:PROTection:STATe {ON|OFF}

[SOURce:]CURRent:PROTection:STATe {ON|OFF}

Turn on or off the overvoltage (overcurrent) protection function.

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➤ 7.[SOURce:]VOLTage?

[SOURce:]CURRent?

Query the output voltage (current) value.

➤ 8.[SOURce:]VOLTage:PROTection?

[SOURce:]CURRent:PROTection?

Query the protection value of the overvoltage (overcurrent) protection function.

➤ 9.[SOURce:]VOLTage:PROTection:STATe?

[SOURce:]CURRent:PROTection:STATe?

Query the switch status of overvoltage (overcurrent) protection function. Return to "ON" or "OFF".

➤ 10.OUTPUT {ON|OFF}

Turn the output on or off.

➤ 11.OUTPUT?

Query the status of the output switch. Returns "ON" or "OFF".

➤ 12.OUTPUT:CVCC?

Query the output constant voltage and constant current status. Returns "CV" or "CC".

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➤ 13.MEMory:STORe {M1|M2|M3}

Store the current output setting value in the corresponding location.

➤ 14.MEMory:LOAD {M1|M2|M3}

Load output setting value from corresponding location and apply to current output value. When the protection function is on and the load value is greater than the protection value, the output value is set as the protection value.

➤ 15.MEMory:GROUp <n>

Set the storage group to use.  $1 \leq n \leq 200$ .

➤ 16.MEMory:GROUp?

Query the storage groups in use. Returns an integer from 1 to 200.

➤ 17. SYSTem:REMOte

Put the device into remote mode.

Note: In the remote mode, the panel key functions of the device are blocked (except the OUTPUT key can control the output). But the user can still exit the remote mode through the "ESC" key on the panel.

➤ 18. SYSTem:REMOte?

Query whether the device is in remote mode. Returns "YES" or "NO".