

# Universal MDKE6 test tool instructions

Test tool menu details include menu items; description; scope; properties

U0-00 Operator software version number 0-65535 **Read only**

U0-01 Customer number 0-65535 **Change for manufacturer only**

U0-02 Operator contract number high 0-9999 **Conditional modification**

U0-03 Operator contract number bit low 0-9999 **Conditional modification**

U0-04 remaining usage 0-9999 **read only**

U0-05 Upload and download operation 1. Parameter download; 2. Parameter upload; 3. Clear parameter storage area can be modified

U0-06 Reserved 0-65535

U0-07 Reserved 0-65535

Agreement change description:

Ordinary MDKE6 cannot change U0-01.

The universal server can **change the manufacturer at will**, eliminating the trouble of repairing multiple servers. You only need to bring one universal MDKE6 to the site to debug all Monak motherboards, regardless of version and manufacturer restrictions (including the new national standard motherboard) ( but cannot decrypt)

Example for SJEC :

First, set the F9=1 on the motherboard small keypad, then the seven-segment display will cycle to C \*\*\*\*\* F00120, and then the universal MDKE6 server is connected to the motherboard. Press the up and down arrow keys simultaneously and the service tool will display U0-00 and then change U0-01 to 00120 to confirm, and then you can debug. The operation method for debugging other special motherboards is the same.

Parameter upload and download is only applicable to NICE3000new / NICE5000 / NICE7000 products. You need to enter the operator's own menu mode. You can start the parameter upload and download function by setting U0-05. The specific process is as follows:

When the test tool can operate the integrated inverter function code normally and the integrated inverter not running:

Set U0-05 = 1, trigger parameter download, the integrated inverter transmits parameters to the operator;

Set U0-05 = 2, trigger the parameter upload, and transmit the parameters to the integrated inverter if the operator has valid parameters.

Set U0-05 = 3, erase the parameter book saved by the operator

During the transfer, the interface displays the amount of data transferred. After the transfer is complete, the interface displays U0-06.

The operator and the integrated inverter lost communication or the customer did not match, triggering upload and download without action.

The integrated inverter is in the running state, and no action is triggered for uploading and

downloading. Error message:

During the parameter uploading and downloading, if the all-in-one is running, the operation fails and the interface prompts FAIL.

The operator does not have valid parameters, triggering the upload fails, and the interface prompts FAIL.

By pressing the STOP or PRG key, the FAIL prompt on the interface can be cleared, and return to the U0-XX menu.

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