

Communications Protocol

baud rate :9600 Bps ;3.3V TTL level

Write data instructions:

Instruction format:(English colon)+w+(command character)++w+(data string)++w+s(end character)

(1) Set the output voltage value instruction

: wu1134s set output voltage V 113.4

: wu0134s set output voltage V 13.4

(2) Set the output current value instruction

: wi0100s set output current value A 10.0

: wi0050s set output current value A 5.0

(3) setting the state on or off

: wo0001s on output

: wo0000s off output

(4) Pull out the save parameter instruction

wm0s call save address 0 position parameter

wm5s call save address 5 location parameter

(5) Saving parameters

: ws0s save the set voltage and current values to the 0 address bit

: ws5s save the set voltage and current values to the 5 address bit

Read data instruction:

Instruction format :(English colon)+r+(command character)+r+s(end character)

(1) Read the output voltage value instruction

: rus return data :# ru0000800s actual output voltage V 80.0

(2) Read the output current value instruction

: ris return data :# ri0000050s actual output voltage A 0.50

(3) Read the output current value instruction

: rcs return data :# rc0000050s actual capacity AH 0.50

(4) Read the set voltage instruction

: rvs return data :# rv0000800s actual set voltage V 80.0

(5) Read the set voltage instruction

: ros Return Data :# rv0000001s Output ON ;# rv0000000s Output OFF