



PsServer DLL Instructions

- . Register OCX control
Copy MSCOMM32.OCX to the system director, then input regsvr32 mscomm32.ocx

- . DLL interface instruction
S_OK=0;
S_FALSE=1;
- 1) Open the communication port
function OpenComm(Port,Baud,Address,NewVer:integer):HResult;
Port: Serial Port(:1,2)
Baud: Baud Rate(:4800,9600,19200,38400)
Address:Device Address(:0-254)
NewVer:New Version Power Suply(New:1,Old:0)
If works out successfully will return S_OK
- 2) Close the communication port
function CloseComm():HResult;
- 3) Check if receive the data or not
function CheckReceState():HResult;
If received the date will return S_OK
- 4) Set parameters
function SetParams(CurMax,VolMax,PowMax,VolSetting:integer):HResult;
CurMax: The Max current (For example 3A=3000 mA, Rate is 1000)
VolMax: The Max current (For example 36V=36000mV, Rate is 1000)
PowMax: The Max Power (For example 108W=10800, Rate is 1000)
VolSetting: The output voltage (For example 20V=20000mV, Rate is 1000)
If set successfully will return S_OK
Explanation: Please Open PC control before setting.
- 5) Receive data
function GetParams(* Cur,Vol,Pow,CurMax,VolMax,PowMax,VolSet,CtlState,
OutState,CurOver,PowOver:integer):HResult;
Cur: Current current value mA
Vol: Current voltage value (mV)
Pow: Current output power (/100)
CurMax: Max current (mA)
VolMax: Max voltage (mV)
PowMax: Max power (/100)
VolSet: Setting voltage value(mV)
CtlState: 1:PC 0:SELF
OutState: 1:ON 0:OFF
CurOver: 1: Overflow Normal
PowOver: 1: Overflow Normal
Explanation: First transfer ReadData, wait for a moment then transfer CheckReceState, if
CheckReceState=S_OK, have received the data, then you can transfer GetParams to get data.
- 6) Set operation type
function PCControl(State:integer):HResult;
State: 1:PC 0:SELF
- 7) Control output
function OutControl(State:integer):HResult;

State: 1:ON 0:OFF

8) Read data from the facility

function ReadData():HResult;

Explanation: After transferring this function data, you have to wait for about 200MS then transfer CheckReceState to check if received the data or not.

. The instruction of Max value

Model	The Max Current	The Max Voltage	The Max Power
3644A	6A(6000)	18V(18000)	108W(10800)
3645A	3A(3000)	36V(36000)	108W(10800)
3646A	1.5A(1500)	72V(72000)	108W(10800)
3654A	10A(10000)	18V(18000)	180W(18000)
3655A	5A(5000)	36V(36000)	180W(18000)
3656A	2.5A(2500)	72V(72000)	180W(18000)