PeakTech   6070/6075 Communication Protocol

Inquire

Voltage current status inquire

Inqiure frame：

Initial code	Address code	Function code	Initial address	Address length	Check code	Ending code
D0	D1	D2	D3	D4	D5D6	D7
F7	01	03	04	03	Check code	FD

eg：0xF7, 0x02, 0x03, 0x04, 0x09, 0xE2, 0xAB, 0xFD

Inqiure reply frame

Initial code	Address code	Function code	Initial address	Address length	data	Check code	Ending code
D0	D1	D2	D3	D4	D5-D22	D11D12	D13
F7	01	03	04	03	data	Check code	FD

eg：0XF7, 0X02, 0X03, 0X04 , 0X09 , 0X41, 0X41 , 0X00, 0X00, 0X00, 0X00 , 0X00, 0X00 , 0X00, 0X00,0X04 ,0XB0, 0X01 ,0X2C ,0X04 ,0XB0 ,0X01 ,0X2C ,0X9D ,0X87,0XFD

D5: CH1 Status：BIT0   CV 、BIT1 CC   、BIT2   SER、BIT3 PAR 、BIT5   OUTPUT、

D6: CH2 Status：BIT0   CV 、BIT1 CC   、BIT2   SER、BIT3 PAR   、BIT5   OUTPUT、

D7 D8 CH1 Voltage Data   D9 D10   CH1 Current data   D11 D12 CH2 Voltage Data   D13 D14   CH2 Current data   D15 D16 CH1 Voltage setting Data   D17 D18   CH1 Current setting Data
D19 D20 CH2 Voltage setting Data   D21 D22   CH2 Current setting Data

Setting

Setting frame as below, Set reply frame as setting frame

CH1Voltage setting frame

Initial code	Address code	Function code	Initial address	Address length	data	Check code	Ending code
D0	D1	D2	D3	D4	D5D6	D7D8	D9
F7	02	0A	09	01	data	Check code	FD

eg：   0xF7, 0x02, 0x0A, 0x09, 0x01, 0x05, 0x14, 0x2F, 0x55, 0xFD

CH1 Current setting frame

Initial code	Address code	Function code	Initial address	Address length	data	Check code	Ending code
D0	D1	D2	D3	D4	D5D6	D7D8	D9
F7	01	0A	09	01	data	Check code	FD

eg：0xF7, 0x02, 0x0A, 0x0A, 0x01, 0x03, 0XE8, 0x8A, 0x56, 0Xfd

CH2 Voltage setting Frame

Initial code	Address code	Function code	Initial address	Address length	data	Check code	Ending code
D0	D1	D2	D3	D4	D5D6	D7D8	D9
F7	02	0A	0B	01	data	Check code	FD

eg：   0xF7, 0x02, 0x0A, 0x0B, 0x01, 0x05, 0xDC, 0x01, 0x55, 0xFD

CH2Current Setting Frame

Initial code	Address code	Function code	Initial address	Address length	data	Check code	Ending code
D0	D1	D2	D3	D4	D5D6	D7D8	D9
F7	01	0A	0C	01	data	Check code	FD

eg：0xF7, 0x02, 0x0A, 0x0C, 0x01, 0x04, 0XB0, 0XC8, 0x55, 0XFD

output switch Setting frame

Initial code	Address code	Function code	Initial address	Address length	data	Check code	Ending code
D0	D1	D2	D3	D4	D5D6	D7D8	D9
F7	01	0A	1E	01	data	Check code	FD

Ouput open Setting eg：   0xF7, 0x02, 0x0A, 0x1E, 0x01, 0x00, 0x01, 0X04, 0x92, 0XFD

Output turn off setting eg：   0xF7, 0x02, 0x0A, 0x1E, 0x01, 0x00, 0x00, 0XC4, 0x53, 0XFD

series-parallel setting frame

Initial code	Address code	Function code	Initial address	Address length	data	Check code	Ending code
D0	D1	D2	D3	D4	D5D6	D7D8	D9
F7	01	0A	1F	01	data	Check code	FD

Series set   eg：F7, 02, 0A, 1F, 01, 00, 01, F8,93, FD

Parallel connection Settings eg：F7, 02, 0A, 1F, 01, 00, 02, F9,D3, FD

series-parallel   cancel   setting eg ：F7, 02, 0A, 1F, 01, 00, 00, 38,52, FD