

PeakTech 617X – 1 CH Laboratory Power Supply

Data Communication protocol

Voltage and current status inquiry

Query frame: F7 01 03 04 03 62 E8 FD

Start code	address code	function code	starting address	Address length	Check code	End code
D0	D1	D2	D3	D4	D5D6	D7
F7	01	03	04	03	Check code	FD

Query response frame:

Start code	Address code	function code	starting address	Address length	Data	Check code	End code
D0	D1	D2	D3	D4	D5-D10	D11D12	D13
F7	01	03	04	03	Data	Check code	FD

D5 D6 status code D7 D8 Voltage data D9 D10 Current data

D5 BIT0 CV 、 BIT1 CC 、 BIT5 OUTPUT

Setting voltage

Set frame: F7 01 0A 09 01 02 02 D6 E2 FD

Start code	Address code	function code	starting address	Address length	Data	Check code	End code
D0	D1	D2	D3	D4	D5D6	D7D8	D9
F7	01	0A	09	01	Data	Check code	FD

D5 D6 Voltage data

Setting current

Set frame: F7 01 0A 0A 01 02 02 D6 A6 FD

Start code	Address code	function code	starting address	Address length	Data	Check code	End code
D0	D1	D2	D3	D4	D5D6	D7D8	D9
F7	01	0A	0A	01	Data	Check code	FD

D5 D6 Current Data

Set the response frame (same as setting frame) F7 01 0A 09 01 02 02 D6 E2 FD

Start code	Address code	function code	starting address	Address length	Data	Check code	End code
D0	D1	D2	D3	D4	D5 D6	D7D8	D9
F7	01	0A	09	01	Data	Check code	FD

Output switch setting

Set Frame F7 01 0A 1E 01 00 01 92 37 FD

Start code	Address code	function code	starting address	Address length	Data	Check code	End code
D0	D1	D2	D3	D4	D5D6	D7D8	D9
F7	01	0A	1E	01	Data	Check code	FD

D5D6 00 01 ON 00 00 OFF

Set the response frame (same as setting frame)

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