

Modbus Communication Protocol for HYY-DC Series

1. Read-only Parameters Zone (Function Code 03H)

Address (Decimal)	Address (Hexadecimal)	Function Code	Register Type	Parameters	Data Format	Remark
0000	0000	03H	Read Only	Voltage	xxx . xxx	Hexadecimal
0001	0001	03H	Read Only			
0014	000E	03H	Read Only	Current	xxxx . xxxx	Hexadecimal
0015	000F	03H	Read Only			
0028	001C	03H	Read Only	Active Power	xxxx . xxxx	Hexadecimal
0029	001D	03H	Read Only			
0042	002A	03H	Read Only	Import Active Energy	xxxxxx . xx	Hexadecimal
0043	002B	03H	Read Only			
0056	0038	03H	Read Only	Export Active Energy	xxxxxx . xx	Hexadecimal
0057	0039	03H	Read Only			

1.1 Read/Write Parameters Zone (Function Code 03H, 06H, 10H)

Address (Decimal)	Address (Hexadecimal)	Register Type	Parameters	Data Format	Remark
768	0300	Read/ Write	Communication Address (0~247)	xxx	Hexadecimal
772	0304	Read/ Write	Baud Rate	0x08:1200; 0x10:2400; 0x20:4800; 0x40:9600, 0x80:19200	Hexadecimal
773	0305	Read/ Write	Parity Bit	0x00: No Parity 0x01: Odd Parity; 0x02: Even Parity	Hexadecimal
1280	0500	Read/ Write	Year	2000-	Decimal
1081	0501	Read/ Write	Month	1-12	Decimal
1282	0502	Read/ Write	Day	1-31	Decimal
1283	0503	Read/ Write	Hour	0-23	Decimal
1284	0504	Read/ Write	Minute	0-59	Decimal
1285	0505	Read/ Write	Second	0-59	Decimal
	FFFF	Read/ Write	Zero Point Shielding	xxx. x%	Hexadecimal
1361	0551	Write	Energy Clear	0	Hexadecimal