

## Appendix:

### Modbus protocol function

Parameter Description	Address	Meaning of value	R/W feature		
Control mode	1000H	0001H:forward	W/R		
		0002H:reverde			
		0003H:JOG forward			
		0004H:JOG reverse			
		0005H: stop			
		0006H:coast to stop			
		0007H:reset fault			
		0008H:JOG stop			
Inverter status	1001H	0001H:forward Running	R		
		0002H:reverde Running			
		0003H:standby			
		0004H:fault			
		0005H:statuse of inverter POFF			
Communication setting	2000H	Communication setting range(-10000~10000) The communication setting is the percentage of the relative value (-100~100%) If it is set as frequency source, The value is the percentage of the maximum frequency. If it is set as PID (preset value or feedback value), The value is the percentage of the PID.	W/R		
		2001H		PID setting Range 0~1000. 1000 means 100%.	W/R
		2002H		PID feed back Range 0~1000. 1000 means 100%.	W/R
		2003H		Setting value of torque Range -1000~1000. 1000 means 100%.	W/R
		2004H		Setting value of upper limit frequency	W/R
Status parameters	3000H	Output frequency	R		
	3001H	Reference frequency	R		
	3002H	DC bus voltage	R		
	3003H	Output voltage	R		
	3004H	Output current	R		
	3005H	Rotation speed	R		
	3006H	Output power	R		
	3007H	Output torque	R		
	3008H	PID preset value	R		
	3009H	PID feedback value	R		
	300AH	Input terminal status	R		
	300BH	Output terminal status	R		
	300CH	Input of AI1	R		
300DH	Input of AI2	R			

	300EH	reserved	R
	300FH	reserved	R
	3010H	HDI frequency	R
	3011H	reserved	R
	3012H	Step no. of PLC or multi step	R
	3013H	reserved	R
	3014H	External counter input	R
	3015H	Torque setting	R
	3016H	Devise code	R