Informazioni dati solo in Inglese

Unit set read command

Register address	Data content	Remarks	
0	Power on/off	BIT15	Reserved
		BIT14	Reserved
		BIT13	Reserved
		BIT12	Reserved
		BIT11	Reserved
		BIT10	Reserved
		BIT9	Reserved
		BIT8	Reserved
		BIT7	Reserved
		BIT6	Reserved
		BIT5	Reserved
		BIT4	Reserved
		BIT3	Reserved
		BIT2	Reserved
		BIT1	Reserved
		BIT0	0: power off; 1: power on.
1	Setting mode	1:invalid ; 2:hybird 3: e-heater 4:vacation	
2	Setting the temperature Ts	unit: °C. Setting range 38-70°C (actual value) Send value = actual value*2+30 unit: °F. Setting range 100-158°F Send value = actual value	
3	Comand Functions	BIT15	Reserved
		BIT14	Reserved
		BIT13	Reserved
		BIT12	Reserved
		BIT11	Reserved
		BIT10	Reserved
		BIT9	Reserved
		BIT8	Reserved
		BIT7	Reserved
		BIT6	Fahrenheit or Celsius Enable 0 = Celsius Enable 1 = Fahrenheit Enable
		BIT5	Force disinfect function(0 = OFF 1 = ON)
		BIT4	Remoter ONOFF (0 = OFF 1 = ON)
		BIT3	Remoter OnOff signal (0 = OFF 1 = ON) 0 = panel's onoff signal check can work 1 = panel's onoff signal check can't work
		BIT2	SG Command (same of digital input)
		BIT1	EVU command (same of digital input)
		BIT0	Solar signal (control Bit 1 and 2) 0 = solar panel can work 1 = solar panel can't work
4	hour		Decimal
5	minute		Decimal

Register address	Data content	Remarks		
100	Operating mode	1:(invalid) 2:hybird, 3: e-heater, 4:vacation		
101	T5U temperature	Water temperature in upper position of water tank, unit: °C. Send value = actual value*2+30 unit: °F. Send value = actual value		°C
102	T5L temperature	Water temperature in lower position of water tank, unit: °C. Send value = actual value*2+30 unit: °F. Send value = actual value		°C
103	T3 temperature	Condenser temperature unit°C. Send value = actual value*2+30 unit: °F. Send value = actual value		°C
104	T4 temperature	Outdoor ambient temperature, : °C. Send value = actual value*2+30 unit: °F. Send value = actual value		°C
105	Tp Exhaust gas temperature	Compressor exhaust temperature Tp, unit°C. Send value = actual value unit: °F. Send value = actual value		°C
106	Th temperature	Suction Temp Th, unit: °C. Send value = actual value*2+30 unit: °F. Send value = actual value		°C
107	PMV opening value	External electronic expansion opening valve, unit: P. Send value = actual value		step
108	Compressor current	Input AC current Send value = actual value		A
109	Load output	BIT15	Reserved	
		BIT14	Reserved	
		BIT13	Reserved	
		BIT12	Reserved	
		BIT11	Reserved	
		BIT10	Reserved	
		BIT9	Reserved	
		BIT8	Reserved	
		BIT7	Alarm On (0 = OFF 1 = ON)	
		BIT6	Solar panel water pump On (0 = OFF 1 = ON)	
		BIT5	Fan speed: High (0 = OFF 1 = ON)	
		BIT4	Fan speed: Medium (0 = OFF 1 = ON)	
		BIT3	Fan speed: Low (0 = OFF 1 = ON)	
		BIT2	4 way valve (0 = OFF 1 = ON)	
		BIT1	Electric heater (0 = OFF 1 = ON)	
		BIT0	Compressor (0 = OFF 1 = ON)	

Register address	Data content	Remarks		
110	Error Protect Code	1~19	E0~E9,EA,Eb,EC,Ed,EE,EF,EH,EL,EP	
		20~38	P0~P9,PA,Pb,PC,Pd,PE,PF,PH,PL,PP	
		39~57	H0~H9,HA,Hb,HC,Hd,HE,HF,HH,HL,HP	
		58~76	C0~C9,CA,Cb,CC,Cd,CE,CF,CH,CL,CP	
		77~95	L0~L9,LA,Lb,LC,Ld,LE,LF,LH,LL,LP	
		96~114	b0~b9,bA,bb,bC,bd,bE,bF,bH,bL,bP	
111	Maximum of Ts	unit: °C./ °F Send value = actual value		
112	Minimum of Ts	unit: °C. / °F Send value = actual value		
113	Display temperature Tx	unit: °C. Send value = actual value*2+30 unit: °F. Send value = actual value		
114	Remaining hot water	Segment:0~4 (Reserved)		
115	Auxiliary Status bit: 1	BIT15		
		BIT14		
		BIT13		
		BIT12		
		BIT11		
		BIT10		
		BIT9		
		BIT8		
		BIT7		
		BIT6		
		BIT5		
		BIT4		
		BIT3	Wifi Connection Status（1 Connect 0 No Connect）	
		BIT2	Defrost (1 = active)	
		BIT1	Solar kit on/off	
		BIT0	Vacation mode (1 = active)	
116	Compressor running time	Compressor running time, unit: sec, send value = actual value		
117	Model	1-2 means the size of unit (1=190,2=300)		
118	Main PCB firmware version	1~99 Indicates machine version, which refers to the serial number of the hydraulic module version.		
119	Wire controller firmware version)	1~99 indicates the wire controller version serial number.		

Unit operation status inquiry

Register address	Data content	Remarks		
100	Operating mode	1:(reserved) 2:hybird 3: e-heater 4:vacation		
101	T5U temperature	Water temperature in upper position of water tank, unit: °C. Send value = actual value*2+30 unit: °F. Send value = actual value		°C
102	T5L temperature	Water temperature in lower position of water tank, unit: °C. Send value = actual value*2+30 unit: °F. Send value = actual value		°C
103	T3 temperature	Condenser temperature unit°C. Send value = actual value*2+30 unit: °F. Send value = actual value		°C
104	T4 temperature	Outdoor ambient temperature, : °C. Send value = actual value*2+30 unit: °F. Send value = actual value		°C
105	Tp Exhaust gas temperature	Compressor exhaust temperature Tp, unit°C. Send value = actual value unit: °F. Send value = actual value		°C
106	Th temperature	Suction Temp Th, unit: °C. Send value = actual value*2+30 unit: °F. Send value = actual value		°C
107	PMV opening value	External electronic expansion opening valve, unit: P. Send value = actual value		step
108	Compressor current	Input AC current Send value = actual value		A
109	Load output	BIT15	Reserved	
		BIT14	Reserved	
		BIT13	Reserved	
		BIT12	Reserved	
		BIT11	Reserved	
		BIT10	Reserved	
		BIT9	Reserved	
		BIT8	Reserved	
		BIT7	Alarm On (0 = OFF 1 = ON)	
		BIT6	Solar panel water pump On (0 = OFF 1 = ON)	
		BIT5	Fan speed: High (0 = OFF 1 = ON)	
		BIT4	Fan speed: Medium (0 = OFF 1 = ON)	
		BIT3	Fan speed: Low (0 = OFF 1 = ON)	
		BIT2	4 way valve (0 = OFF 1 = ON)	
		BIT1	Electric heater (0 = OFF 1 = ON)	
		BIT0	Compressor (0 = OFF 1 = ON)	

Register address	Data content	Remarks		
110	Error Protect Code	1~19	E0~E9,EA,Eb,EC,Ed,EE,EF,EH,EL,EP	
		20~38	P0~P9,PA,Pb,PC,Pd,PE,PF,PH,PL,PP	
		39~57	H0~H9,HA,Hb,HC,Hd,HE,HF,HH,HL,HP	
		58~76	C0~C9,CA,Cb,CC,Cd,CE,CF,CH,CL,CP	
		77~95	L0~L9,LA,Lb,LC,Ld,LE,LF,LH,LL,LP	
		96~114	b0~b9,bA,bb,bC,bd,bE,bF,bH,bL,bP	
111	Maximum of Ts	unit: °C./ °F Send value = actual value		
112	Minimum of Ts	unit: °C. / °F Send value = actual value		
113	Display temperature Tx	unit: °C. Send value = actual value*2+30 unit: °F. Send value = actual value		
114	Remaining hot water	Segment:0~4 (Reserved)		
115	Auxiliary Status bit: 1	BIT15		
		BIT14		
		BIT13		
		BIT12		
		BIT11		
		BIT10		
		BIT9		
		BIT8		
		BIT7		
		BIT6		
		BIT5		
		BIT4		
		BIT3	Wifi Connection Status（1 Connect 0 No Connect）	
		BIT2	Defrost (1 = active)	
		BIT1	Solar kit on/off	
		BIT0	Vacation mode (1 = active)	
116	Compressor running time	Compressor running time, unit: sec, send value = actual value		
117	Model	1-2 means the size of unit (1=190,2=300)		
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