



## Help---Monitoring

### TSW monitoring

<b>Battery Voltage</b>	V	Absorb Voltage; 27.2~30.4Vdc(Default 29.2V), Absorb Time; Default 120min Float Voltage; 26.4~35Vdc(Default 27.6V) Bulk 1; 10~100A(Default 20A) Equalize Voltage; 27.6~35Vdc(Default 29V), Equalize Time; default120min		
<b>Output Frequency</b>	Hz	50/60		
<b>AC Frequency</b>	W			
<b>Out Voltage</b>	V			
<b>AC Voltage</b>	V			
<b>Output Current Line 1</b>	A			
<b>Output Current Line 2</b>	A			
<b>AC Current CHA</b>	A			
<b>Temperature Battery</b>	°C	Temp.Compensation; -1~-8mV/°C/cell. Default(-4mV/°C/cell)		
<b>Temperature Heatsink 1</b>	°C			
<b>Temperature Heatsink 2</b>	°C			
<b>Fan 1</b>	0-1			
<b>Fan 2</b>	0-1			
<b>Mode</b>	<b>Standby=0, Charge=1, Inverting=3, Parallel=4</b>			
<b>Transformer Status</b>	Degree C.			
<b>Error Code 1</b>	00; AC over Voltage(rms), 01; AC under Voltage(rms) 02; AC Voltage disappear(Slope per 1msec), 03; AC Frequency PLL fail, 04; AC over frequency, 05; AC under frequency, 06; AC over load, 07; AC over load,		08; Battery over voltage, 09; CT error, 10; Transformer over-heat(Cutoff), 11; battery low voltage warning(Beep), 12; Output short(Cut off), 13; battery under voltage(Cut off), 14; Heavy Load(Cut off), 15; Sink over-heat(Cut off)	
	Low Batt warning; 21~24Vdc(default 22.0V)			
<b>Error Code 2</b>	00; ID crash, 01; CAN BUS no response, 02; Double Master,		03; Slave Transformer error, 04; Slave frequency error	
<b>Charge state</b>	Off=0, Bulk=2, Absorption=3, Float=4, Equalizing=8			



## T80/HV

<b>T80 Current</b>				
<b>Battery Current</b>				
<b>Load Current</b>				
<b>Daily AmpHr</b>		Daily amp-hours, x10		
<b>Daily WHr</b>		Daily watt-hours, x10		
<b>CVO charger State</b>		Constant voltage charge state, 3=absorb, 4=float, 8=equalize		
<b>Charge state</b>		Constant current charge state, 2=bulk cc, 3=absorb, 4=float, 5=mppt(PV limited)		
<b>SOC amp-hours</b>		State of charge in amp-hours, x10		
<b>Float Time's</b>				
<b>Fan speed</b>				