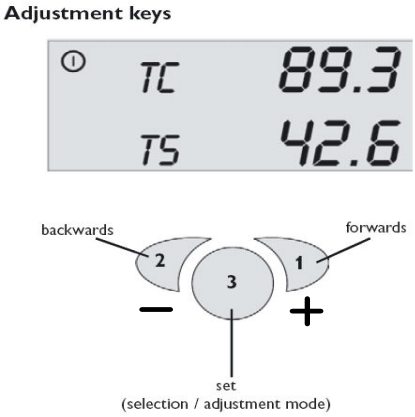
SOLAR CONTROLLER SETTINGS PURE ENERGY (MODEL BS/3)

V1.0 25-Jan-07



To View the *Readings* such as Solar Collector Temperature.
Press & Release '+' button to scroll down, Press & Release '-' button to scroll up

To View the *Settings*.
Press & Hold '+' button for 2 seconds. To Scroll Down, Press & Release '+' button, '-' to Scroll up.

To Change the set value that is displayed.
(NOTE: Do NOT change any Settings unless advised to do so by a Professional)
Press **'OK'** button until the "SET" word on the display flashes, now press + or – button to change the value. Press SET again to save and exit set mode.

SETTINGS

(N/A means that there is no settable value here, E.G. Collector Temperature is just a readout value.)

SETTING NAME	FUNCTION	RANGE	SETTING VALUE
COL	Collector Temperature, Information only, No Setting	N/A	**Information Readout**
TST	Temperature Store(Cylinder) , Information only, No Setting	N/A	**Information Readout**
HP	Operating Hours, Information only, No Setting	N/A	**Information Readout**
ARR	Arrangement	1-2	**1**
DT 0	Switch-ON, Temperature Difference	1.0-20.0 0C	**4.5 oC**
DT F	Switch-OFF, Temperature Difference	0.5- 19.5 oC	**2.5 oC**
SMX	Maximum Store Temperature	2.0-95.0 0C	**85oC**
EM	Limit Collector Temperature	110 C- 200C	**170 oC**
OCX	System Cooling Option	On/Off	**ON**
CMX	Maximum Collector Temperature	100-190 oC	**140 oC**
OCN	Minimum Collector Temperature	On -Off	**Off**
OCF	Antifreeze Function	On -Off	**Off**
OREC	Option Re-cooling	On-Off	**On**
OTC	Tube Collector Special	On-Off	**On**
OHQM	Heat Quantity Balancing	On -Off	**Off**
HND1	Solar Pump Control	On/Off/Auto	**AUTO**
HND 2	2Nd Relay Output (Not Used)	On/Off/Auto	**AUTO**
LANG	Language		**EN**
PROG	Program No	N/A	**68.30**
VERS	Program Version	N/A	**1.05**

- The control unit records the temp differential between the collector temp and the cylinder temp, and compares that differential with start-up temp differential "DT 0". The solar circuit pump is started if that value is exceeded, and the display shows "(I)". The pump will be switched off if the actual temp falls below the shutdown temp differential "DT F".

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