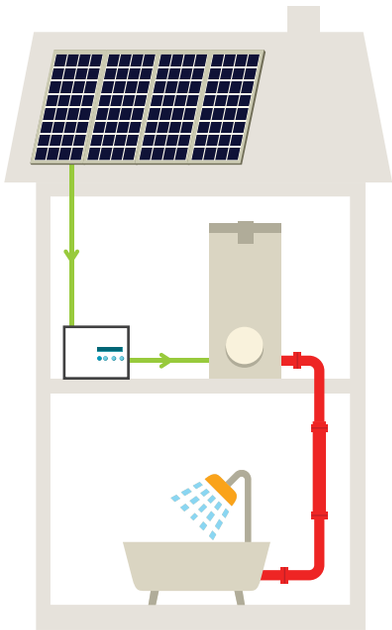
nectar sun



Alternative, cost-effective, reliable method of water heating using solar-generated electricity

- NECTAR SUN PV WATER HEATING SYSTEM CAN SAVE UP TO 70% OF MONEY SPENT ON WATER HEATING YEARLY.
- SYSTEM IS MORE SUITABLE FOR SIMPLE HOME USE THAN SOLAR THERMAL COLLECTORS.
- EASY TO INSTALL, MAINTAIN AND USE.
- EFFICIENCY >99%

MADE IN EU

CE

TECHNICAL DATASHEET

MODEL	PVHC -10A1K5
INPUT (AC)	
Input voltage	230V +-10% ~50Hz
OUTPUT (AC)	
Max output current	16A
INPUT (DC)	
Recommended max. PV power	1500 W
Max. input current	10,0 A
Number of MPP trackers	1
MPPT range	100 . . . 180 V
Min DC voltage	100 V
Max DC voltage	230 V
OUTPUT (DC)	
RECOMMENDED HEATING ELEMENT:	
1kW, 4 x 250W photovoltaic panels	3-3,5KW heat element
1,5kW, 6 x 250W photovoltaic panels	2-2,5KW heat element
Max. efficiency	> 99 %
HOUSING MECHANICAL DATA	
Cooling	Natural convection
Operating temperature	+5 . . +30 C
Operating humidity	max 75%
Store temperature	-20 . . +60 °C
Store humidity	max 90%
DC switch	integrated
DC connection	SUNCLIX
Display	LCD 2 x 16 characters,
Control units	4 buttons
Thermistor	NTC 10 kΩ at 25 °C , d5x40
Max. heating temperature	90 °C
Type of protection	IP20
Dimensions	230 x 210 x 80 mm
Weight, kg	1,54 kg

PHOTOVOLTAICS THERMAL

www.nectarsun.com