

# PV WATER HEATER

feature	unit	10 liters	30 liters	80 liters
<b>Water Heater</b>				
model		PVB-10	PVB-30	PVB-80
max. heating power	W	550	550	550
volume	l	10	30	80
rated pressure	MPa	0.7	0.7	0.7
max. current	A	15.5	15.5	15.5
IP Class		X1	24	24
gross weight (+/- 5 %)	kg	7.2	15	25
<b>PV-Input</b>				
recommended solar power	Wp	100 – 200	300 – 450	800 – 1000
operating range ( $U_{mpp}$ )	Vdc	17 – 42.4	22 – 42.4	22- 42.2
max. DC input ( $U_{oc}$ )	Vdc	42.4	42.4	42.4
current consumption	A	0 – 15.5	0 – 15.5	0 – 15.5
max. short circuit current ( $I_{sc}$ )	A	36	36	36
<b>External Power Supply (optional)</b>				
recommended power supply model		PSU-12	PSU-18	PSU-18
power	W	62	141	141
voltage	Vdc	12	18	18
current consumption range	A	0 – 5.2	0 – 7.8	0 – 7.8



## RENEWABLE

Energy from the power of the sun. 100% renewable and sustainable. Save CO2 every day and actively contribute to climate protection.



## COST SAVING

Produce your own solar power for free and immediately save expensive grid power.



## INDEPENDENCE

Use hot water exactly where you need it. A grid connection or registration of the PV system is not necessary.