

Specifications	unit	10 liters	30 liters	80 liters
Photovoltaic Water Heater				
Product name	-	PVB-10	PVB-30	PVB-80
Volume	l	10	30	80
Max. heating power	W	550	550	550
Max. current consumption	A	15.5	15.5	15.5
Energy efficiency class	-	A+	A+	A+
Rated pressure	MPa	0.7	0.7	0.7
IP class	-	X1	24	24
Gross weight (+/- 3 %)	kg	7.2	15	25
Max. water temperature	°C	65	65	65
Adjustable water temperature range for optional reheating function	°C	10 – 65	10 – 65	10 – 65
Integrated MPP tracker	-	yes	yes	yes
Integrated reverse polarity protection	-	yes	yes	yes
Digital display	-	yes	yes	yes
Boiler prepared for external reheating and battery connection	-	yes	yes	yes
Boiler made of steel with enamel coating	-	yes	yes	yes
CE – certification	-	yes	yes	yes
Dimensions (length, width, height)	cm	28 x 28 x 44	40 x 40 x 60	47 x 48 x 90
Water connection	-	G½ (M)	G½ (M)	G½ (M)
Check and pressure relief valve	-	yes	yes	yes
Photovoltaic Input				
Recommended photovoltaic power	W _p	100 – 300	300 – 600	600 – 1200
Max. connected photovoltaic power	W _p	1500	1500	1500
Max. open circuit voltage at 25°C	V _{oc}	42.4	42.4	42.4
Photovoltaic connector	-	MC4	MC4	MC4

Note: Only 36-cell and 60-cell photovoltaic modules can be connected to the water heater.