TECHNICAL DATA FOR THE STORAGE TANK

Product Data Sheet according to DIN EN 12897:2006, Stand 25.09.2018

WWW.ECPOWER.EU

The EC POWER Storage Tank with external Storage Control ensures that heat, produced in the XRGI® system, is stored when the consumer uses little or no heat. This prevents the XRGI® system from cutting in and out and the operation of the XRGI® system becomes more efficient after start-up with longer running times.

ORDERING DATA

Supplier's name or trademark	EC POWER		
Supplier's model identifier	Storage Tank 500 L / 6 bar	Storage Tank 800 L / 6 bar	Storage Tank 1.000 L / 6 bar
Item number	K000012	K000013	K000014
Modules	Storage Tank incl. 1 Storage Control	Storage Tank incl. 1 Storage Control	Storage Tank incl. 2 Storage Controls

OUTPUT

Storage Tank		Storage Tank 500 L / 6 bar	Storage Tank 800 L / 6 bar	Storage Tank 1.000 L / 6 bar
Heat capacity (at 40° C temperature difference)	kWh	22	35,2	44
Heat loss	W	100	116	136
Q_{st}	kWh/24h	2,408	2,772	3,271
Energy efficiency class, ErP		C	C	C

OPERATING PARAMETERS

Max. operating pressure	bar	6	6	6
Max. operating temperature	°C	95	95	95

CONNECTIONS

Flow	Rp	2"	2"	3"
Return	Rp	2"	2"	3"
Drain	Rp	1"	1"	1"
Air vent	Rp	½"	½"	½"

MATERIAL AND INSULATION

Material		S235JR	S235JR	S235JR
Jacket (PU hard)	mm	70	95	95
Lid (PU hard)	mm	70	95	95

DIMENSIONS, VOLUME AND WEIGHT

Dimensions, Ø x H (incl. insulation)	mm	810 x 1.850	990 x 1.910	990 x 2.240
Dimensions, Ø x H (excl. insulation and deaerator)	mm	650 x 1.785	790 x 1.825	790 x 2.155
Tilted height	mm	1.815	1.875	2.195
Nominal volume	litre	500	800	1.000
Actual volume	litre	525	796	957
Empty weight (incl. insulation and panel)	kg	112	147,5	187,5
Immersion sleeve (inside diameter)	mm	8	8	8

Subject to technical changes, design modifications and errors.