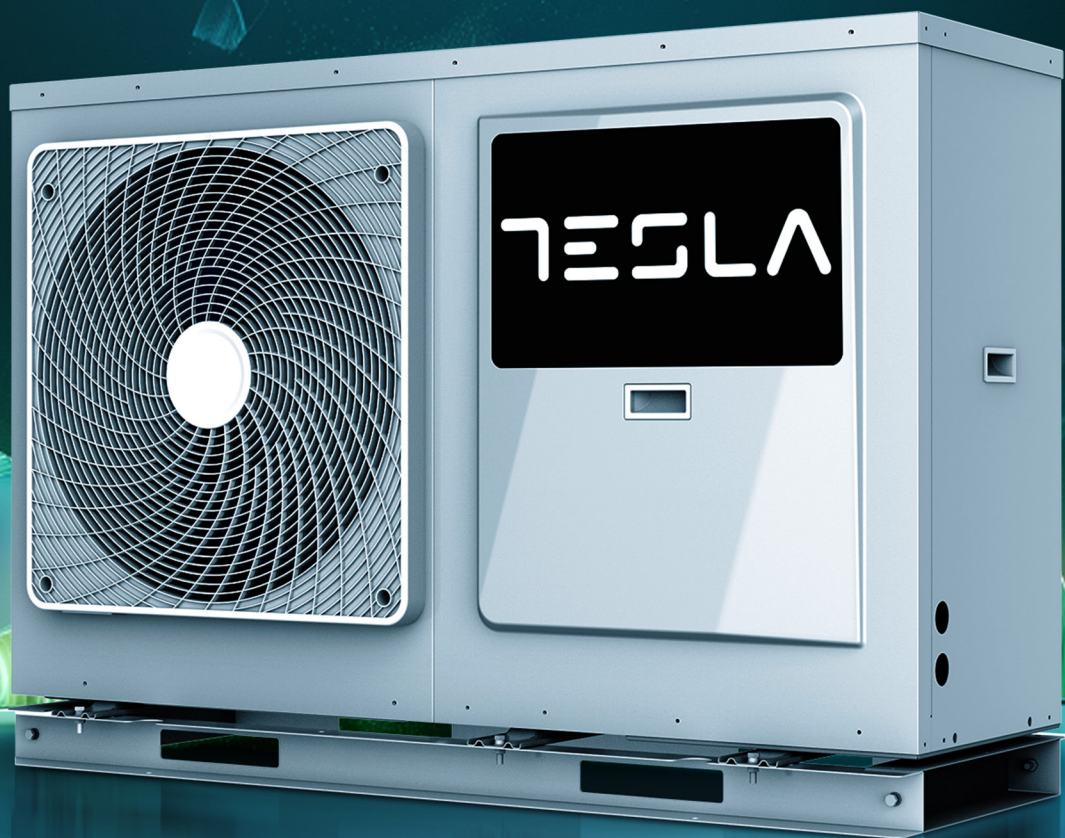
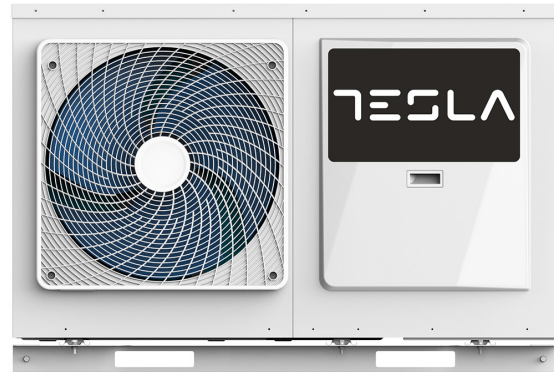


# TESLA

Monoblock | TATP-10MBDA1





<b>Power supply</b>	Monobloc Unit	V/Ph/H	220-240/1/50	
<b>Heating<sup>2</sup></b>	Capacity	kW	10	
	Rated input	kW	2	
<b>Heating<sup>3</sup></b>	COP		5	
	Capacity	kW	10	
	Rated input	kW	3,23	
<b>Cooling<sup>4</sup></b>	COP		3,1	
	Capacity	kW	10	
	Rated input	kW	2,08	
<b>Cooling<sup>5</sup></b>	EER		4,8	
	Capacity	kW	8,3	
	Rated input	kW	2,52	
<b>Seasonal space heating energy efficiency class<sup>7</sup></b>	LWT at 35°C		A+++	
	LWT at 55°C		A++	
<b>SCOP<sup>6</sup></b>	LWT at 35°C		5,2	
	LWT at 55°C		3,5	
<b>MOP (Maximum overcurrent protection)</b>		A	25	
<b>DC Inv. Compressor</b>	Model	EKTM225D63UKER		
	Quantity	1		
	Twin rotary DC inverter			
	Brand	GMCC		
	RPM	rps	3450	
	Capacity	W	7170	
	Input	W	1935	
	Power Supply	Ph-V-Hz	220-240/1/50	
	Operating Frequency	Hz	12-120	
	Crankcase	W	25	
Compressor refrigerant Oil	ml	620		
<b>Fan Motor</b>	Model	CW170A-ZL		
	Brushless DC motor			
	Brand	WOLONG		
	Insulation Class	E		
	Safe Class	IP24		
	Output Power x Fan quantity	W	170*1	
<b>Fan</b>	Speed	r/min	870	
	Motor type	Axial		
	Number of fans	1		

<b>Air side heat exchanger</b>	a.Number Of Row		3	
	b.Tube Pitch(a)x Row Pitch(b)	mm	19.05*22	
	c.Fin Pitch	mm	1,6	
	d.Fin Material		Aluminum sheet	
	e.Tube Outside Dia.And Material	mm	φ7	
	f.Coil Length x Height x Width	mm	1050*836*5715	
	g.Heat Exchanging Area	m <sup>2</sup>	40	
<b>Water pump</b>	brand	Shimge		
	fluid temp	0-110°C		
	Ambient temp	-25-53°C		
	Max pressure	10bar		
	Protection class	IP44		
	Rated prower	230-50/60Hz		
	Type	canned pump		
	Power input	4-95W		
	current	0.04-0.75A		
	Max Rotating speed	4500r/min		
	Insulation class	class F		
Pump head	9m			
Max Flow	4.5m <sup>3</sup> /h			
Adapter diameter	DN25			
<b>Refrigerant(R32)</b>	Factory charge	kg	1,45	
<b>Throttle type</b>	Electronic expansion valve			
<b>Sound pressure level</b>	Monobloc Unit	dB(A)	47	
<b>Sound power level</b>	Monobloc Unit	dB	60	
<b>Packed dimensions (WxDxH)</b>	Monobloc Unit	mm	1465*550*1095	
<b>Body dimensions (WxDxH)</b>	Monobloc Unit	mm	1385*520*933	
<b>Net/Gross weight</b>	Monobloc Unit	kg	124/136	
<b>Operating temperature range</b>	Cooling	°C	-5 -43	
	Heating	°C	-25- 35	
	DHW	°C	-25-43	
<b>Setting water temperature range</b>	Cooling	°C	5-25	
	Heating	°C	12-65	
	DHW(tank)	°C	30-60	
<b>Water circuit</b>	Piping connections	inch	G1"BSP	
	Safety valve set pressure	MPa	0,3	
	Flow switch	m <sup>3</sup> /h	0,6	
	Expansion tank	Volume	L	8
		Max. water pressure	MPa	0,8
		Pre-pressure	MPa	0,1
	Capacity of the back-up heater	kW	3	
Water side	Type	Plate type		
<b>Wiring</b>	Power wiring	mm <sup>2</sup>	10	
<b>Stuffing Quantity</b>	40H/40/20	Unit	66/66/32	
<b>Energy efficiency label data</b>	Colder	55°C	kW	7
		35°C	kW	8
	Average	55°C	kW	8
		35°C	kW	9
	Warmer	55°C	kW	9
		35°C	kW	9

- Note: 1. Relevant EU standards and legislation: EN14511; EN14825; EN50564; EN12102; (EU) No 811:2013; (EU) No 813:2013; OJ 2014/C 207/02:2014.
- Outdoor air temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C.
- Outdoor air temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C.
- Outdoor air temperature 35°C DB; EWT 23°C, LWT 18°C.
- Outdoor air temperature 35°C DB; EWT 12°C, LWT 7°C.
- Seasonal space heating energy efficiency class tested in average climate conditions.
- Test standard: EN12102-1
- Sound pressure level is the maximum value tested under the two conditions of Notes2 and Notes5.