

**Toyota Veilfire main specification sheet**

		Hybrid car				Gasoline-powered car			
		7-seater		8-seater		7-seater		7-seater	
		Executive Lounge		X		"G edition"		Executive Lounge	
		7-seater		7-seater		7-seater		7-seater	
		"L edition"		"Side Lift-up Seat equipped car"		"Side Lift-up Seat equipped car"		"Side Lift-up Seat equipped car"	
		7-seater		7-seater		7-seater		7-seater	
		7-seater		7-seater		7-seater		7-seater	
Model	2WD	DA-A4H3W0		DA-A4H3W0		DA-A4H3W0		DA-A4H3W0	
Model	4WD	DA-A4H3W0		DA-A4H3W0		DA-A4H3W0		DA-A4H3W0	
Weight	kg	2,220 <sup>1)</sup>		2,140		2,180 <sup>1)2)3)4)</sup>		2,100 <sup>1)</sup>	
Overall Weight	kg	2,605 <sup>1)</sup>		2,525		2,565 <sup>1)2)3)4)</sup>		2,485 <sup>1)</sup>	
Minimum Turning Radius	m	5.6		5.6		5.6		5.8	
Fuel Consumption (MLIT's Assessed Value)	km/L	18.4		19.4 <sup>7)</sup>		18.4		9.5 <sup>8)</sup>	
Main Fuel Consumption Improvement Measures		Hybrid System, Timing Stop Device, Electrical Continuously Variable Transmission, Variable Valve Timing, Electric Power Steering							
Dimensions		4,930		4,935		4,935		4,930	
Overall Length	mm	1,850		1,850		1,850		1,850	
Overall Width	mm	1,950		1,895 <sup>1)5)</sup>		1,895		1,935[1,950]	
Overall Height	mm	3,000		3,000		3,000		1,880[1,895]	
Wheelbase	mm	1,600		1,600		1,600		1,600	
Front	mm	1,595		1,595		1,595		1,605[1,595]	
Rear	mm	165		165		160[170]		160[170]	
Minimum Ground Clearance	mm	3,210		3,210		3,210		3,210	
Interior Length	mm	1,590		1,400		1,400		1,590	
Width	mm	1,400 <sup>2)0)</sup>		1,400		1,400		1,400 <sup>2)0)</sup>	
Height	mm	1,400 <sup>2)0)</sup>		1,400		1,400		1,400 <sup>2)0)</sup>	
Engine		2AR-FXE		2AR-FXE		2AR-FXE		2GR-FE	
Model	L	2.493		2.493		2.493		3.456	
Capacity	L	L4 DOHC		L4 DOHC		L4 DOHC		V6 DOHC	
Type	mm	90.0x88.0		90.0x88.0		94.0x83.0		94.0x83.0	
Bore x Stroke	mm	12.5		12.5		10.8		10.8	
Compression Ratio		Unleaded Regular Gasoline		Unleaded Regular Gasoline		Unleaded Premium Gasoline		Unleaded Premium Gasoline	
Fuel Type		112(152)/5,700		112(152)/5,700		206(280)/6,200		206(280)/6,200	
Maximum Output <Net>	kW (PS) / r.p.m.	206(2.0)/4,400~4,800		206(2.0)/4,400~4,800		344(4.5) / 4,700		344(4.5) / 4,700	
Maximum Torque <Net>	N.m (kgf.m) / r.p.m.	EFI (Electronic Fuel Injection)		EFI (Electronic Fuel Injection)		EFI (Electronic Fuel Injection)		EFI (Electronic Fuel Injection)	
Fuel Supply Equipment		65		65		75(65)		75(65)	
Fuel Tank Capacity	L	Rack & Pinion		Rack & Pinion		Rack & Pinion		Rack & Pinion	
Drive System		MacPherson Strut Coil Spring		MacPherson Strut Coil Spring		MacPherson Strut Coil Spring		MacPherson Strut Coil Spring	
Steering	Front	Double Wishbone Coil Spring		Double Wishbone Coil Spring		Double Wishbone Coil Spring		Double Wishbone Coil Spring	
Suspension	Rear	Ventilated Disc		Ventilated Disc		Ventilated Disc		Ventilated Disc	
Brake	Front	Hydraulic & Cooperative Regeneration Brake System		Hydraulic & Cooperative Regeneration Brake System		Hydraulic		Hydraulic	
	Rear	E-Four (Electrical 4 Wheel Drive)		E-Four (Electrical 4 Wheel Drive)		Front Wheel Drive (4 Wheel Drive)		Front Wheel Drive (4 Wheel Drive)	
Drive System	System	Electrical Continuously Variable Transmission		Electrical Continuously Variable Transmission		Super Intec 6-Speed Automatic (6-Speed ECT)		Super Intec 6-Speed Automatic (6-Speed ECT)	
Transmission, Gear Ratio & Final Drive Gear Ratio		3.300		3.300		3.300		3.300	
1st Gear		1.900		1.900		1.900		1.900	
2nd Gear		1.420		1.420		1.420		1.420	
3rd Gear		1.000		1.000		1.000		1.000	
4th Gear		0.713		0.713		0.713		0.713	
5th Gear		0.608		0.608		0.608		0.608	
6th Gear		—		—		—		—	
Forward		4.148		4.148		4.148		4.148	
Reverse		3.935		3.935		3.935		3.935	
Final Drive Gear Ratio		6.659		6.659		6.659		6.659	
Front Motor		2JM		2JM		2JM		2JM	
Model		Synchronous Motor		Synchronous Motor		Synchronous Motor		Synchronous Motor	
Type		105 (143)		105 (143)		105 (143)		105 (143)	
Maximum Output	kW (PS)	270 (27.5)		270 (27.5)		270 (27.5)		270 (27.5)	
Maximum Torque	N.m (kgf.m)	2FM		2FM		2FM		2FM	
Rear Motor		Synchronous Motor		Synchronous Motor		Synchronous Motor		Synchronous Motor	
Model		50 (68)		50 (68)		50 (68)		50 (68)	
Type		139 (14.2)		139 (14.2)		139 (14.2)		139 (14.2)	
Maximum Output	kW (PS)	NIMH Battery		NIMH Battery		NIMH Battery		NIMH Battery	
Maximum Torque	N.m (kgf.m)	34		34		34		34	
Main Battery Power		Series		Series		Series		Series	
Type		6.5		6.5		6.5		6.5	
Quantity	Ah								
Connection Type									
Series									
Capacity									

		7-seater		8-seater		7-seater		7-seater	
		Executive Lounge		X		"G edition"		Executive Lounge	
		7-seater		7-seater		7-seater		7-seater	
		"L edition"		"Side Lift-up Seat equipped car"		"Side Lift-up Seat equipped car"		"Side Lift-up Seat equipped car"	
		7-seater		7-seater		7-seater		7-seater	
		7-seater		7-seater		7-seater		7-seater	
Model	2WD	DA-A4H3W0		DA-A4H3W0		DA-A4H3W0		DA-A4H3W0	
Model	4WD	DA-A4H3W0		DA-A4H3W0		DA-A4H3W0		DA-A4H3W0	
Weight	kg	2,220 <sup>1)</sup>		2,140		2,180 <sup>1)2)3)4)</sup>		2,100 <sup>1)</sup>	
Overall Weight	kg	2,605 <sup>1)</sup>		2,525		2,565 <sup>1)2)3)4)</sup>		2,485 <sup>1)</sup>	
Minimum Turning Radius	m	5.6		5.6		5.6		5.8	
Fuel Consumption (MLIT's Assessed Value)	km/L	18.4		19.4 <sup>7)</sup>		18.4		9.5 <sup>8)</sup>	
Main Fuel Consumption Improvement Measures		Hybrid System, Timing Stop Device, Electrical Continuously Variable Transmission, Variable Valve Timing, Electric Power Steering							
Dimensions		4,930		4,935		4,935		4,930	
Overall Length	mm	1,850		1,850		1,850		1,850	
Overall Width	mm	1,950		1,895 <sup>1)5)</sup>		1,895		1,935[1,950]	
Overall Height	mm	3,000		3,000		3,000		1,880[1,895]	
Wheelbase	mm	1,600		1,600		1,600		1,600	
Front	mm	1,595		1,595		1,595		1,605[1,595]	
Rear	mm	165		165		160[170]		160[170]	
Minimum Ground Clearance	mm	3,210		3,210		3,210		3,210	
Interior Length	mm	1,590		1,400		1,400		1,590	
Width	mm	1,400 <sup>2)0)</sup>		1,400		1,400		1,400 <sup>2)0)</sup>	
Height	mm	1,400 <sup>2)0)</sup>		1,400		1,400		1,400 <sup>2)0)</sup>	
Engine		2AR-FXE		2AR-FXE		2AR-FXE		2GR-FE	
Model	L	2.493		2.493		2.493		3.456	
Capacity	L	L4 DOHC		L4 DOHC		L4 DOHC		V6 DOHC	
Type	mm	90.0x88.0		90.0x88.0		94.0x83.0		94.0x83.0	
Bore x Stroke	mm	12.5		12.5		10.8		10.8	
Compression Ratio		Unleaded Regular Gasoline		Unleaded Regular Gasoline		Unleaded Premium Gasoline		Unleaded Premium Gasoline	
Fuel Type		112(152)/5,700		112(152)/5,700		206(280)/6,200		206(280)/6,200	
Maximum Output <Net>	kW (PS) / r.p.m.	206(2.0)/4,400~4,800		206(2.0)/4,400~4,800		344(4.5) / 4,700		344(4.5) / 4,700	
Maximum Torque <Net>	N.m (kgf.m) / r.p.m.	EFI (Electronic Fuel Injection)		EFI (Electronic Fuel Injection)		EFI (Electronic Fuel Injection)		EFI (Electronic Fuel Injection)	
Fuel Supply Equipment		65		65		75(65)		75(65)	
Fuel Tank Capacity	L	Rack & Pinion		Rack & Pinion		Rack & Pinion		Rack & Pinion	
Drive System		MacPherson Strut Coil Spring		MacPherson Strut Coil Spring		MacPherson Strut Coil Spring		MacPherson Strut Coil Spring	
Steering	Front	Double Wishbone Coil Spring		Double Wishbone Coil Spring		Double Wishbone Coil Spring		Double Wishbone Coil Spring	
Suspension	Rear	Ventilated Disc		Ventilated Disc		Ventilated Disc		Ventilated Disc	
Brake	Front	Hydraulic & Cooperative Regeneration Brake System		Hydraulic & Cooperative Regeneration Brake System		Hydraulic		Hydraulic	
	Rear	E-Four (Electrical 4 Wheel Drive)		E-Four (Electrical 4 Wheel Drive)		Front Wheel Drive (4 Wheel Drive)		Front Wheel Drive (4 Wheel Drive)	
Drive System	System	Electrical Continuously Variable Transmission		Electrical Continuously Variable Transmission		Super Intec 6-Speed Automatic (6-Speed ECT)		Super Intec 6-Speed Automatic (6-Speed ECT)	
Transmission, Gear Ratio & Final Drive Gear Ratio		3.300		3.300		3.300		3.300	
1st Gear		1.900		1.900		1.900		1.900	
2nd Gear		1.420		1.420		1.420		1.420	
3rd Gear		1.000		1.000		1.000		1.000	
4th Gear		0.713		0.713		0.713		0.713	
5th Gear		0.608		0.608		0.608		0.608	
6th Gear		—		—		—		—	
Forward		4.148		4.148		4.148		4.148	
Reverse		3.935		3.935		3.935		3.935	
Final Drive Gear Ratio		6.659		6.659		6.659		6.659	
Front Motor		2JM		2JM		2JM		2JM	
Model		Synchronous Motor		Synchronous Motor		Synchronous Motor		Synchronous Motor	
Type		105 (143)		105 (143)		105 (143)		105 (143)	
Maximum Output	kW (PS)	270 (27.5)		270 (27.5)		270 (27.5)		270 (27.5)	
Maximum Torque	N.m (kgf.m)	2FM		2FM		2FM		2FM	
Rear Motor		Synchronous Motor		Synchronous Motor		Synchronous Motor		Synchronous Motor	
Model		50 (68)		50 (68)		50 (68)		50 (68)	
Type		139 (14.2)		139 (14.2)		139 (14.2)		139 (14.2)	
Maximum Output	kW (PS)	NIMH Battery		NIMH Battery		NIMH Battery		NIMH Battery	
Maximum Torque	N.m (kgf.m)	34		34		34		34	
Main Battery Power		Series		Series		Series		Series	
Type		6.5		6.5		6.5		6.5	
Quantity	Ah								
Connection Type									
Series									
Capacity									

		7-seater		8-seater		7-seater		7-seater	
		Executive Lounge		X		"G edition"		Executive Lounge	
		7-seater		7-seater		7-seater		7-seater	
		"L edition"		"Side Lift-up Seat equipped car"		"Side Lift-up Seat equipped car"		"Side Lift-up Seat equipped car"	
		7-seater		7-seater		7-seater		7-seater	
		7-seater		7-seater		7-seater		7-seater	
Model	2WD	DA-A4H3W0		DA-A4H3W0		DA-A4H3W0		DA-A4H3W0	
Model	4WD	DA-A4H3W0		DA-A4H3W0		DA-A4H3W0		DA-A4H3W0	
Weight	kg	2,220 <sup>1)</sup>		2,140		2,180 <sup>1)2)3)4)</sup>		2,100 <sup>1)</sup>	
Overall Weight	kg	2,605 <sup>1)</sup>		2,525		2,565 <sup>1)2)3)4)</sup>		2,485 <sup>1)</sup>	
Minimum Turning Radius	m	5.6		5.6		5.6		5.8	
Fuel Consumption (MLIT's Assessed Value)	km/L	18.4		19.4 <sup>7)</sup>		18.4		9.5 <sup>8)</sup>	
Main Fuel Consumption Improvement Measures		Hybrid System, Timing Stop Device, Electrical Continuously Variable Transmission, Variable Valve Timing, Electric Power Steering							
Dimensions		4,930		4,935		4,935		4,930	
Overall Length	mm	1,850		1,850		1,850		1,850	
Overall Width	mm	1,950		1,895 <sup>1)5)</sup>		1,895		1,935[1,950]	
Overall Height	mm	3,000		3,000		3,000		1,880[1,895]	
Wheelbase	mm	1,600		1,600		1,600		1,600	
Front	mm	1,595		1,595		1,595		1,605[1,595]	
Rear	mm	165		165		160[170]		160[170]	
Minimum Ground Clearance	mm	3,210		3,210		3,210		3,210	
Interior Length	mm	1,590		1,400		1,400		1,590	
Width	mm	1,400 <sup>2)0)</sup>		1,400		1,400			

