

STAR DIABLO

Models: Diablo 2+2, Diablo 4+2

VEHICLE STANDARD FEATURES

Four year limited warranty, two year bumper-to-bumper warranty (less wear items)
Eight 6 V (48 V) batteries
5.5 hp AC motor (Diablo 2+2)
6.7 hp AC motor (Diablo 4+2)
275 A controller (Diablo 2+2)
350 A controller (Diablo 4+2)
Brush guard, clay basket
Fender flares, nerf bars
Headlights, LED taillights, brake lights, turning signals
Folding windshield
Horn and reverse beeper
LED turn signal mirrors
Speedometer, odometer, battery indicator
2-point seat belts
High/Low speed switch
Automatic battery charger
48 V to 12 V voltage reducer for accessories
Easy access programming / trouble-shooting port under dash


VEHICLE OPTIONS AND UPGRADES

LSV (NEV) street legal package
Battery filling system
Black seats
On-board charger

STANDARD COLORS

	Black
	Metallic Silver
	Passion Red
	Navy Blue
	White

PREMIUM COLORS

	True Timber® Camouflage
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Diablo 2+2



Diablo 4+2



STAR DIABLO

Vehicle Specifications

Specifications are subject to change without notification.

	Diablo 2+2	Diablo 4+2
DIMENSIONS		
<i>Overall dimensions</i>	118"L x 53"W x 79"H (300 cm x 135 cm x 201 cm)	148"L x 53"W x 82"H (376 cm x 135 cm x 208 cm)
<i>Wheel base</i>	68" (173 cm)	101" (257 cm)
<i>Ground clearance</i>	7" (17.8 cm)	7" (17.8 cm)
<i>Wheel type</i>	12" aluminum (30.5 cm)	12" aluminum (30.5 cm)
<i>Tire size</i>	23 x 10.5 x 12, 4-ply DOT	23 x 10.5 x 12, 4-ply DOT
<i>Tire pressure</i>	35 psi (241 kPa)	35 psi (241 kPa)
BODY & CHASSIS		
<i>Chassis</i>	Aluminum	Aluminum
<i>Body material</i>	Plastic	Plastic
<i>Roof</i>	Extended plastic (body paint match)	Extended plastic (body paint match)
POWER		
<i>Battery system</i>	8x6 V, Trojan T-105	8x6 V, Trojan T-105
<i>Motor power</i>	5.5 hp (4.1 kW) AC motor	6.7 hp (5 kW) AC motor
<i>Controller power</i>	275 A Curtis 1234-5271	350 A Curtis 1234E-5371
PERFORMANCE		
<i>Passengers</i>	4	6
<i>Top speed</i>	19.5 mph, 20-25 mph with LSV option (31.4 kph, 32.2-40.2 kph with LSV option)	19.5 mph, 20-25 mph with LSV option (31.4 kph, 32.2-40.2 kph with LSV option)
<i>Top climbing grade</i>	30%	30%
<i>Turning radius</i>	11 ft (3.4 m)	14 ft (4.3 m)
<i>Load capacity</i>	800 lbs (363 kg)	1000 lbs (454 kg)
<i>Weight with batteries</i>	1315 lbs (596 kg)	1500 lbs (680 kg)
<i>Brake system</i>	Four-wheel hydraulic disc with electric-mechanical parking brake	Four-wheel hydraulic disc with electric-mechanical parking brake
<i>Drive train</i>	Direct rear drive with 16:1 ratio	Direct rear drive with 16:1 ratio
STEERING AND SUSPENSION		
<i>Steering system</i>	Rack and pinion	Rack and pinion
<i>Front suspension</i>	Independent A-arm, coil over shocks	Independent A-arm, coil over shocks
<i>Rear suspension</i>	Leaf spring and shock	Leaf spring and shock