



Vector 250R

by **E-TON**



Just go there!

Vector 250R

Flame Red
Royal Blue

Introducing the 2007 E-TON Vector 250R ATV. Powerful, versatile, and the largest ATV in the E-TON product line, the Vector includes a 249cc four-stroke engine, Automatic C.V.T. belt transmission with forward/reverse shifting, digital speedometer display, and a U.S. Forest Service-approved spark arrestor. The Vector meets or exceeds EPA clean air requirements and is eligible for the California Green Sticker. Includes full six month limited factory warranty. Designed for riders ages 16 and up.

Optional Accessories

- Rear carrying rack
- Trailer hitch
- E-TON safety flag
- Helmets and apparel available on the web site

ETON AMERICA, LLC.

www.etonamerica.com

Engine			
Type	Four cycle , Single Cylinder, SOHC Liquid cooled (EPA Compliant)		
Displacement	249cc		
Bore / Stroke	71mm * 63mm		
Compression Ratio / Pressure	10.6 : 1		
Torque / BHP	22.3Nm @ 5500rpm / 16.4bhp		
EPA Approved	Meet or exceeds EPA clean air requirements and CA Green Sticker		
Starting	Electrical starter		
Transmission			
Type	Automatic (C.V.T. V-Belt) Manual Shift F/R		
Chassis			
Overall Length-With-Height	1780mm / 70.1" - 1030mm / 40.6" - 1140mm / 44.9"		
Wheel Base	1190mm / 46.9"		
Seat Height	890mm / 35.0"		
Ground Clearance	150mm / 5.9"		
Dry Weight	200kg / 441lbs		
Suspension			
Front	Dual A-arm Adjustable Shocks @ 2.95" travel		
Rear	Swing Arm Adjustable Shock @ 4.72" travel		
Brakes			
Front	Hydraulic Disc (2)		
Rear	Hydraulic Disc		
Tires			
Front	21/7-10		
Rear	22/11-9		
Tire Pressure	Front	Min	3.2psi / 0.23kg/cm2
		Max	4.0psi / 0.28kg/cm2
	Rear	Min	3.2psi / 0.23kg/cm2
		Max	4.0psi / 0.28kg/cm2
Wheels			
Bolt Pattern	Front	4 x 110mm (P.C.D.)	
	Rear	4 x 110mm (P.C.D.)	
Carburetor			
Make/Size	Kei-Hin with Manual Choke		
Main Jet	1.1mm		
Pilot Jet	0.35mm		
Air Mixture Adjustment	Back out 1 - 2½turns		
Idle Speed	Idle 1600 - 1800rpm		
Sprockets			
Front	520x15t		
Rear	520x38t		
Chain	#520*90 O-Ring		
Battery			
Jell Acid (Maintenance Free)	12V-5AH - GTX12-BS		
	Main Fuses	10Amp / 15Amp / 30Amp	
Fluids			
Fuel	Type	Unleaded Gasoline 89 octane	
	Volume	12liters / 3.17gal	
Engine Oil	Type	SAE 10-30W	
	Volume	1.4liters / 1.4qt (1.2liters / 1.2qt for change)	
Transmission	Type	SAE 85/140 weight gear Oil	
	Volume	750cc / 25.4oz (650cc / 22oz for change)	
Safety Features			
Safety Tether Switch	N/A		
Remote Stop Switch	N/A		
Enclosed Foot Rest Area	Standard equipment		
Enclosed Engine compartment	N/A		
Carrying Capacity			
Rack Capacity	Front	N/A	
	Rear	16kg / 301lb (Optional)	
Towing Capacity	Trailer Wgh	330kg / 727lb (Optional)	
	Tongue Wgh	50kg / 110lbs	
Maximum Rider Weight	150kg / 330lbs		
Minimum Rider Age	16 years		



