

# TERN RC8



## TERN RC8 SPECIFICATIONS

### Motor/Drivetrain/Axle

Motor	Integrated Electric Motor/Transmission
Power Rating	680hp/494hp Continuous
Peak Torque at Ground:	38,350 ft Lbs
Transmission:	Three Speed Automatic Integrated Electric Motor/Trans/Axle
Front Axle:	Dana Spicer E-Series E-1202W
Rear Axle:	Dana Zero-8 Series Three-Speed e-Axle

### Batteries

Panasonic Energy	Lithium-Ion
Maximum Installed Capacity:	Dual 269 kWh Packs (total 538 kWh)
System Voltage:	750V Max System Voltage
Charging Rate:	241 kW Maximum Charge Rate
Charger Type:	CCS Type 1 DC Fast Charge
AC Level 2 Charging:	48 Amp 240V Level 2 Charging
Recharge Time:	1.9 hrs (0-80% SOC @ 240 kW)

### Ratings & Capacities

Maximum GCW 68,000 lbs	Weight Rating Vehicle 35,000 lbs
Service Brake System Type Air Brake:	Disc
Front Suspension:	12K Lbs. Tapered Leaf
Rear Suspension:	Hendrickson Comfort Air 23K Lbs. Air Suspension
Front/Rear Tire:	Bridgestone Rib 11R22.5 R268FZ
G-Load Range:	14
Front/Rear Wheel:	22.5x8.25 Polished Aluminum Accuride
Frame Rail Rear Single Frame:	.354x10.16x3.50 in, 120Kpsi (RBM 1.877,214/Rail)

### Electrical

Low Voltage System Maintenance Smart-Awake Active 12V Management  
HV Safety Continuous HVIL + Emergency Active Discharge

### Cab & Chassis

Cab Type:	Galvanized Steel Reinforced Two Door Day Cab
Wheelbase:	165.00 in. Wheelbase
BBC:	109.6 in.
Cab to Axle/Trunion:	97.8 in.
Frame Rear Overhang:	35 in.

### Standard Features

Bendix Air Disc Brakes ADB22X
Air Dryer Bendix AD-IS Air Dryer
Push Button Electronic Shift Selector - Dash Mounted
Driver's Seat Sears Seating Atlas 70, 4 Way Adjustable High Back Black/Silver Mordura Cloth Air Suspension RH Arm Rest
Passenger Seat CVG 2/3 Width Cloth Two Man Bench
Cab Suspension Cab Suspension Mounting - Air
Fifth Wheel SAF Holland FW35, Stationary Coupler Height 8.00 in. Fifth Wheel Lock Left Hand



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\*\*For more model specifications, contact your local Tern dealer.