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Zero Emission Locomotive Offerings

Spec / Model	IS2-600	IS4S-1000	IS4-2000	IS6-2300
Max speed	10	15*	15*	65*
Typical Conversion	All New	GP-9 or New	GP-9 or New	SD
Number of axles	2	4	4	6
Length End Sil to End Sil	24ft	44ft	52ft	63ft
Site Delivery Method	Truck	Rail	Rail	Rail
Gear Ratio	24:1	62:15	62:15	62:15
Crashworthy cab	No	Yes	Yes	Yes
Cabstand style	AAR Standard	AAR Standard	AAR Standard	AAR Standard
Dispatch TE	50,000 lb	80,000 lb	80,000 lb	120,000 lb
Continuous TE	50,000 lb	60,000 lb	60,000 lb	90,000 lb
Continuous Tractive	500	1750	1750	2600
Traction Motors	Sealed Liquid Cooled AC	D78	D78	D78
Max Weight	140,000lbs	280,000lbs	280,000lbs	360,000 lbs
Battery Capacity	600KWH	1.2MWH	2 MWH	2.3 MWH
Charge Type	J1772 / CCS1	CCS1 / MCS**	CCS1 / MCS**	CCS1 / MCS**
Charge Rate	22-350KW	100-350KW	100-350KW	100-350KW
Brake System	Digital Pneumatic	CCB26	CCB26	CCB26
Datalogging	Online Web Portal	Wi-Tronix	Wi-Tronix	Wi-Tronix
Air Compressor @ Idle	Min 70cfm @ 150psi	Min 140cfm @ 150psi	Min 140cfm @ 150psi	Min 140cfm @ 150psi
Air Dryer	Optional	Yes	Yes	Yes
Cab HVAC	Yes	Yes	Yes	Yes
MU Capability	Yes, with other IS2-600 locomotives only	Yes, with AMPS Traction or conventional diesel locomotives	Yes, with AMPS Traction or conventional diesel locomotives	Yes, with AMPS Traction or conventional diesel locomotives

* Max restricted speed based on typical site requirements; higher speeds available upon request. 70mph-DIT

** No overhead pantograph equipment required, but available upon request.