

CASTLE

E10-LT4 SPECIFICATIONS

GENERAL DATA

Power Type (battery)	Lithium-iron Battery
Load capacity in lbs	11,023 lbs
Service weight in lbs	18,761 lbs
Battery compartment size	40x32x22 in.
Operator position	Seated
Mast type	Full Free 3-stage mast
Towing coupling design	Drop pin in the back

PERFORMANCE

Lift speed (Full Load)	11in/s
Drop speed (Full load)	≤24in/s
Mast tilt angle	6°/6°
Minimum turning radius	111"
Max grade with load	15%
Max grade without load	15%

WEIGHT

Total weight	18,761 lbs
Front axis load (Empty)	7518 lbs
Back axis load (Empty)	10,053 lbs
Weight distribution full load front	25,463 lbs
Weight distribution full load rear	3,131 lbs
Weight distribution without load front	7,518 lbs
Weight distribution without load rear	10,053 lbs

TIRES

Tire type	Solid
Number of wheels front/ rear	2/2
Tire dimensions front	28x 12.5-15
Tire dimensions rear	7.00-12
Tire pressure front	NONE
Tire pressure rear	NONE
Track width between tires front	50.4"
Track width between tires rear	46.9"
Brake type parking	Mechanical-Hand Lever
Brake type foot	Hydraulic

POWER SYSTEM

Battery Voltage/Capacity	80V/630Ah
Electric Motor Drive	22kW
Electric Motor Load Handling	24kW
Control Type- Drive	AC
Control Type- Load Handling	AC
Control Type- Power Steering	AC
Max Operator Pressure	2,611psi

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FULL FREE LIFT 3 STAGE

Max Fork Height (Top of Forks)	189"
Overall Height (Lowered)	93"
Overall Height (Extended)	235"
Free Lift	49"

EXTERIOR SPECIFICATIONS

A Lift height	189"
B Height from head guard	89"
C Lateral fork adjustment min/max	16-51"
D Length of Forks	48"
E Overall width	63"
F Distance from front of forks to rear	172"
H Mast Height (Lowered)	93"
I Tow coupling height	14"
J Max height extended top of fork	235"
K Front wheel distance from center	50"
L Rear wheel distance from center	47"
M Distance from wheel center to axis	79"
N Center front tire to fork face	23"
O Center rear tire to rear	22"
P Ground clearance to frame no load	6.3"
Q Mast tilt angle front/ rear	6°/6°
R Minimum turning radius	111"

