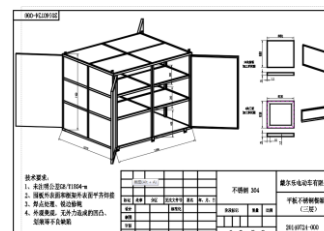


Linen Utility

2 Seater AC Li-Ion Linen Utility



Model: Melex 2 Seater Linen Utility	
Battery – 52V Li-Ion LFP	100A 5kWh to 277Ah 14.4kWh
Motor	6.3KW AC
Controller	EVolution 400A or equiv
Passenger capacity	2
Range based on flat road at a speed of 20km/h (km)	50 Km +/-
NB: above info based on 110Ah 5.25kWh Li-Ion pack	
Max. speed (km/h)	35
Minimum turning radius (m)	4.3
Max. climbing ability (loaded)	28%
Max. movement after brake	≤4m
Overall dimensions	3330x1400x1830mm
Max.Towing weight	300kgs
Net weight (5.25kWh Li-Ion spec)	445kgs
Ground Clearance – Mid Point unloaded	200mm
Wheel Base	2450mm
Load Bed Dimensions LxWxH	1350x1070x1100mm
Front/Rear Wheel Track	880/890mm



	Configurations: "S" stands for Standard configuration and "O" stands for Optional configuration	
DESCRIPTIONS	REMARKS	
Body	Injection-molded TPO and aluminium	S
Chassis	Electro-phosphorus coated steel	S
Windshield	one-piece shatterproof Glass (optional wiper)	S
Large Seats:		
1) backrest and cushion	Rebond luxury seat + artificial Two-tone leather	S
2) armrest	Formed	S
Floor Cover	rubber	S
Uprights and Roof	Steel uprights, injection-molded plastic roof	S
Beverage holders	4 cups drink holders	S
Lighting system and horn	2 headlights, 2 front turn signals, 2 taillights(each combined 1 brake light with 1 turn signal), with DC-DC converter (converting from 48V to 12V), 12V horn.	S
Dashboard and Meters	forward/reverse switch, LI-Ion SOC battery capacity indicator, ignition key, USB charge ports and 12V power port, Lo and Hi speed switch	S
Side trim	Aluminium	S
Rear axle	Gear ratio12.00:1 (LSD optional)	S
Rear Access	Tipping Load bed for easy motor and controller access	S
Steering system	single-stage rack and pinion steering system	S
Braking systems	4-wheel Hydraulic Disc/Drum brake + hand brake, programmable electric regenerative motor braking	S
Accelerator	Stepless speed change	S
Suspension system	Front independent A arm with coil over shocks, rear leaf spring and hydraulic shock absorbers	S
Driving mode	Rear axle two stage deceleration, motor direct drive coupled	S
Tyres and rims	10x7" Steel rim, 205/50-10" 4Ply or 205/65-10" Tyres 4Ply	S
Reversing alarm	\	S

Chargers:

Charger – On-board	240V~50Hz-60Hz, output 48V, 25A Li-Ion High Frequency	S
Charger – Wall mount	240V~50Hz-60Hz, output 48V, 50A Li-Ion High Frequency	O
	NB: Wall mount unit requires Single phase dedicated Isolator	

