



**SG-BUS-A21E**



**TECHNICAL DATA**



MODEL	SG-BUS-A21E	TARE WEIGHT [KG]	11'500
MOTOR	ELECTRIC	GROSS WEIGHT [KG]	19'900
TYPE	PERMANENT MAGNET SYNCHRONOUS	BATTERY CAPACITY [KWH]	~350
OVERALL DIMENSIONS [MM]	13'920X3'000X3'100	CHARGER MAX [KW]	~300
PASSENGER CAPACITY	100	RECHARGE TIME [H]	~1.5 (FAST 1h30)
MAX SPEED [KM/H]	>50	CONTINUED POWER [KW]	~100
AUTONOMY [KM]	~250		
OVERALL LENGHT [MM]	13'920	TREAD FRONT [NM]	N/A
OVERALL WIDTH [MM]	3'000	TREAD REAR [MM]	N/A
OVERALL HEIGHT [MM]	3'100	APPROACH ANGLE [°]	6
WHEELBASE [MM]	7'075	DEPARTURE ANGLE [°]	5
OVERHANG FRONT [MM]	2'950	MAX GRADE ABILITY [%]	N/A
OVERHANG REAR [MM]	3'895	MIN TURNING DIAM [M]	N/A
MIN GROUND CLEAR [MM]	N/A	MIN TO MAX SPEED [S]	N/A
DRIVING ORIENTATION	LHD		

**PRODUCTS**



**TECHNICAL DATA**



<b>MOTOR</b>			
MASS [KG]	~400		
MAX KW/NM	130/676		
MAX TORQUE [NM@RPM]	1'600/3'600		
<b>TRANSMISSION</b>		TWO SPEED	I=2.6, I=1
BATTERY CAPACITY [KWH]	~350	BATTERY TYPE	LFP
NOMINAL VOLTAGE [V]	~540	RATED CAPACITY [AH*2]	~300
WORKING VOLTAGE [V]	~450-750	DENSITY (WH/KG)	~>150
BATTERY CELLS	~336	BATTERY MASS [KG]	~2'164
BATTERY LAYOUT	REAR MOUNTED	CHARGER [KW]	~300
STANDARD CHARGE TIME[H]	~2.0-3.0	FAST CHARGE TIME [H]	~1.5
<b>CHASSIS</b>			
FRONT AXLE PAYLOAD [KG]	6'500	REAR AXLE PAYLOAD [KG]	13'500
		CENTER AXLE [KG]	N/A
CLUTCH	N/A	AUTO SLACK ADJUSTER	YES
SERVICE BRAKE	DUAL AIR CIRCUIT	ABS	WABCO
		ASR	N/A
SUSPENSION	AIR SUSPENSION, ECAS	TIRE & RIM	465/65R 22.5 RADIAL TUBELESS
RETARDER	ELECTRIC MOTORED		
<b>BODYWORK</b>			
AIR CONDITIONER [KCAL/H]	~38'000	TYPE	ELECTRICALLY DRIVEN
FLOOR HEATING	N/A		
<b>BODY SPECIFICATION</b>		<b>ALUMINIUM ALLOY</b>	
DRIVE MODE	LHD	DRIVER SEAT	ADJUSTABLE, AIR DAMPING
FRONT WINDSHIELD	LAMINATED GLASS		WITH THREE-POINT BELT
REAR WINDSHIELD	HARDENED GLASS	PASSENGER SEAT	AS PER STANDARD
PASSENGER DOOR	6X DOUBLE LEAVE	INSTRUMENTS	SUPERIOR TYPE
	PNEUMATIC OUTWARD	INTERIOR TRIMMING	LUXURY TYPE
SIDE CABIN DOOR	ALUMINIUM ALLOY	HAID RAIL	ALLUMINIUM
REAR CABIN DOOR	ALUMINIUM ALLOY	PROTECTION BAR	YES
REARVIEW MIRROR	ELECTRIC ADJUSTABLE	PAINT	WHITE
	WITH DEFROSTER		
FLOOR	PVC		
FLOOR COVER	ANTI-SLIP, FIRE PROOF		
	LEATHER		