



VMAXUSA is a heavy equipment import company representing the best new technology in emissions free equipment. We are a USA owned and operated company, National Headquarters located in Butte, Montana. VMAXUSA provides customers with new options in heavy electric machinery. forklifts, scissor lifts, track scissor lifts, wheeled front loaders, excavators, mini front loaders, skid steers and more. Check out our new line of 2024 products for your lifting needs.

## 956EV Front Loader

### SEC 240kW Series DC Fast Charger





# 950EV Model

Battery Powered Front Loader



## EVE Battery

Long Life Battery

Super Long Life Battery

Fast Charging

Supports Fast Charging

Severe Cold Environment

Normal use in all weather

Safety Guarantee

Provides double protection of fuse and relay to ensure the safe use of battery

Remote Monitoring

Provides real-time status monitoring under operating conditions





# ManuFacter's Data and Design Characteristics

Specification		Units	Qualifications
Overall Dimension	Overall Length	ft	29.54
	Overall Height	ft	11.49
	Bucket Width	ft	9.9
Main Specification	Rated Bucket Capacity	m³	2.8-4.5
	Rated Loading Weight	lbs	11,023
Walking Drive Motor	Rated Power	kW	178
Hydraulic Drive Motor	Rated Power	kW	110
Cell	Total Power	kWh	282
	Voltage PLatform	V	627
	Brand Name	/	Evebattery
Duration of Battery	General Working Condition	h	5-6
	Reload Condition	h	4-5
Main Performance	Overall Working Weight	lbs	41,446
	Dump Height	ft	11.18
	Dump Reach	ft	4.67
	Wheel Base	ft	11.15
	Maximum Tractive Force	KN	168
	Maximum Breakout Force	KN	160
	Maximum Gradeability	°	28
Running Speed	Steering Angle	°	35
	Forward Shift	km/h	12\35
	Reverse Shift	km/h	12\35

659EV overall Configuration Specification			
Technical Specifications	Item	Specification	
Cell	Cell Type	Lithium iron phosphate	
	System Rated Capacity	450Ah	
	Rated Storage energy	282kWh Optional	
	Nominal Voltage	627V	
	Battery System Protection Level	IP67	
	Cooling-down Method	Liquid Cooling	
	Charging Interval (160kW charging pile)	90 Minutes	
Driving Motor	Power	178kW	
	Levels of Protection	IP67	
	Ambient Temperature	-40° -55°	
	Cooling-down Method	Liquid Cooling	
Driving Axle	Type	Dry Drive Axle	
Gearbox	Type	Automatic 2 gear Shifting	
Hydraulic System	Type	Double Pump Confluence	
	Operation Type	Pilot +FNR Function	
Steering Hydraulic System	Type	Traffic Amplification	
Brake System	Type	Gas top oil	
Refrigeration System	Type	Electric heating and cooling air conditioning	
Operation System	System Voltage	24V	
Capacity Data	Anti-freeze Fluid	36L	
	Driving Axle Oil	27L×2	
	Hydraulic Fluid	160L	



# Sinexcel

Everything about profitability  
and charging experience

## SEC 240kW Series DC Fast Charger

\*One handle charger included  
in purchase of one front  
loader.

\*Please contact for more information  
about charging stand upgrades and other  
charging stand variations.

# VMAX USA

## Overview

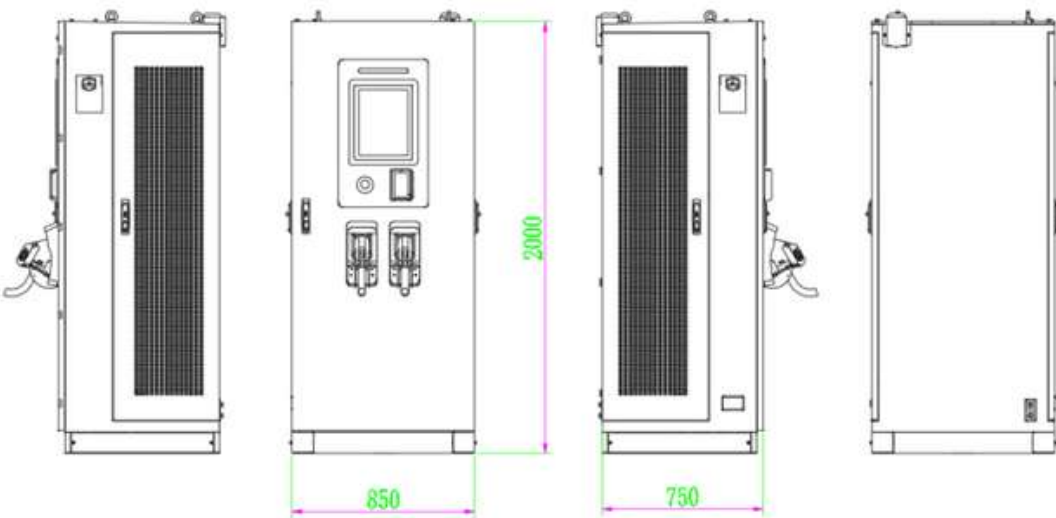
SEC 240kW integrated charger is an integrated EV  
charger providing 240kW DC output for up to one or two  
connectors.

Power flexibly distributed to one or two connectors by  
smart algorithm EV charging.

It supports high resolution large LCD touch screen with  
audio function and cable management system which  
provides better user experience.

## Dimensions

W850\*D750\*2000mm





Specification		
240kW Integrated Charger		
Input Characteristic	Input voltage	400 VAC +/- 10%
	Input frequency	50/60 Hz
	Input type	3P + N + PE
	Input current	450A
	Input power	263kVA
	Power factor	0.99
	THDi	<5%
	Grounding type	TN-S, TN-CS
Output Characteristic	Connector options	CCS2
		CCS2 + CCS2
		CCS2 + CHAdeMO
		CHAdeMO is optional
	Output voltage	CCS2: 200-1000 Vdc
		CHAdeMO: 200-500 Vdc
	300~1000V is the output voltage of constant power output.	
	Maximum output current	CCS2: 200A CHAdeMO: 125A
Environment	Rated power	DC: 240kW
	Peak efficiency	96%
	Operational altitude	<2000 m
	Operating temperature	-25 °C to +50 °C (Full power)
	Temperature derating	Up to 50 °C: 100% output power,
		50-65 °C interval, linear power limit,
	65 °C or more, module shutdown protection	
	Storage temperature range	-30 °C to +70°C
Structure	Humidity	5%-95% Rh non-condensing
	IP and IK rating	IP55/IK10
	Dimensions	W850mm*D750mm*H2000mm
	Weight	≤500 kg
Components	Enclosure	304 stainless steel
	Cable length	5m (4.5m exposed from the charger)
	Screen	15" HD touchscreen
	RFID Reader	ISO 14443 A + B to part 4 and ISO/IEC 15693, Mifare1, NFC
Others	Emergency button	Yes
	Communication interface	4G / LAN Port
	Language	English (Supports customizing other languages)
	Communication protocol	OCPP1.6J
	Cooling method	Air Cooled
	EMC	Class A (industrial)
	Protection	Undervoltage Protection, Overvoltage Protection, DC Overcurrent Protection, Over-temperature Protection, Surge Protection Device, Emergency Stop Protection
	Optional functions	Tilt detection, flood detection, smoke detection, heater, cable management
Standards and Certifications	Standards	IEC 61851, IEC 62196, DIN 70121, ISO 15118, etc.
	Certification	CE, TUV, RCM



# Key Characteristics

**Input voltage**

400V±10% VAC  
50~60Hz

**Peak Efficiency**

96%

**Protection Grade**

IP55/IK10

**Weight**

≤500KG

**Dimensions**

W1000\*D700\*H2000

**Noise**

≤65dB

**Operating Temperature**

-25 °C to +50 °C (Fullpower)