



**MAKE INTEGRATION TALK**  
MADE IN TAIWAN

**10KWh**



UL-2580 (EV LEVEL)  
APPROVED.

• **COMMERCIAL APPLICATION**



ENERGY  
STORAGE  
SYSTEM (ESS)



REFRIGERATED  
TRUCK

• **INDUSTRIAL FIELD**



CRUSHER



CONCRETE  
MIXER  
TRUCK



STREET  
SWEEPER



ECO GARBAGE  
TRUCK



## 10KWh

The 10KWh battery provides a cost effective without compromising quality solution to support a reliable power system in the filed of industrial and engineering vehicles.

Derived from our special and field-proven NMC technology, the battery presents excellent balance among power, energy, life and safety.

## UL-2580 (EV LEVEL) APPROVED.

1.Pass all electrical tests, including "Over Charge, Short Circuit, Over Discharge Protection, Temperature, Imbalanced Charging, Dielectric Withstand, Isolation Resistance, Continuity, Failure of Cooling/Thermal Stability System".

2.Pass mechanical tests, including "Rotation, Vibration Endurance, Shock, Drop".

### BATTERY PACK SPECIFICATION

ITEM	FUNCTION	SPECIFICATION	COMMENT
1	Cell Type	NMC Pouch 26Ah	
2	Pack Configuration.	26S4P	
	Nominal Voltage	94.9Vdc	
	End of Discharge Voltage	83.2Vdc	Discharge End Voltage: 3.2V/per cell
3	Nominal Capacity	104000 mAh	
4	Charging Method	CC-CV Mode	
	Charging Voltage	104Vdc	
	Charging Current	30A	
5	Max. Discharge Current	250 A	For 20 sec
6	Max. Cont. Discharge Current	100A	
7	Charge Temperature	5°C~55°C	
8	Discharge Temperature	-10°C~55°C	
9	Storage Temperature	-30°C~60°C	
10	Dimension	580x350x320(mm)	LxWxH
11	Weight	98kgs	
12	IP Level	IP55	

### TERMINALS

ITEM	FUNCTION	SPECIFICATION	COMMENT
1	Pack +	Pack Positive Terminal	MA-CLSMFRS-C
2	Pack-	Pack Negative Terminal	MA-CLSMFRS-A
3	Start Key	Wakeup Pack	SD-CB06B-MMBPH-S70-T862
4	Engineering Using	UART	SD-CB05B-MMBPH-S70-T862
5	Communication	CAN BUS 2.0B	SD-CB04B-MMBPH-S70-T862

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