

CORE 372 AIO PARAMETERS

kW 75 & kWh 261 | kW 75 & kWh 313

Items	CORE 372 AIO	
Specification	75kW / 261kWh (3h)	75kW / 313kWh (4h)
Product Model	CORE-261L05/M7P75	CORE-313L05/M7P75
Cell Type	LFP 3.2V / 314Ah	LFP 3.2V / 314Ah
Module Combination	1P52S	1P52S
System Combination (Modules)	7 in series	7 in series
Output Power (kW)	75	75
Nominal Energy (kWh)	261	313
Usable Energy	234.9 kWh	281.7 kWh
DC Rated Voltage (V)	832	998
Nominal Voltage (V)	832	998
Max Charging Voltage (V)	936	1123
Min Discharge Voltage (V)	728	873
Voltage Range (Vdc)	DC full load voltage range 720~1300Vdc	DC full load voltage range 720~1300Vdc
Discharge Depth	90% DoD	90% DoD
AC Rated Voltage (V)	480	480
Grid Type	3P + PE	3P + PE
Grid Voltage Range	-15% ~ +10%	-15% ~ +10%
Grid Frequency (Hz)	60	60
Power Factor	-0.99 ~ +0.99	-0.99 ~ +0.99
Working Temperature (°C)	-30 ~ 50	-30 ~ 50
Storage Temperature (°C)	-30 ~ 60	-30 ~ 60
Thermal Management	liquid cooling	liquid cooling
Thermal Control Management	Aerosol Extinguishing	Aerosol Extinguishing
Communication	CAN, RS485, Ethernet	CAN, RS485, Ethernet
Relative Humidity	5-95% (No Condensation)	5-95% (No Condensation)
Altitude	<2000 m	<2000 m
Cooling Method	Liquid Cooling	Liquid Cooling
IP Rating	IP55	IP55
Anti-Corrosion Grade	C4	C4
Warranty	5 Years	5 Years
Certification	UL1973; 2022 UL9540A; 2019 UL9540; 2023 UN38.3, UL 1741, CSA C22.2#107.1, IEEE 1547, IEEE 1547.1 , UL 1741 SB, CFR 47 Part 15 , ANSI C63.4	
Weight (tons)	2.2	2.6
Total Weight (lb/kg)	2,200 kg 4,850 lb	2,600 kg 5,732 lb
Dimensions (WxDxH mm)	Width: 1350 ±3 mm Depth: 1300 ±3 mm Height: 2390 ±3 mm (including lifting rings) 2345 ±3 mm (excluding lifting rings)	Width: 1350 ±3 mm Depth: 1300 ±3 mm Height: 2390 ±3 mm (including lifting rings) 2345 ±3 mm (excluding lifting rings)

Designed for U.S. standards, with EU-compliant specifications available to support global projects.



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CORE 372 AIO PARAMETERS

kW 75 & kWh 365

Items		CORE 372 AIO
	Specification	75kW / 365kWh (4.5h)
	Product Model	CORE-365L05/M7P75
	Cell Type	LFP 3.2V / 314Ah
	Module Combination	1P52S
	System Combination (Modules)	7 in series
	Output Power (kW)	75
	Nominal Energy (kWh)	365
	Usable Energy	328.5 kWh
	DC Rated Voltage (V)	1164
	Nominal Voltage (V)	1164
	Max Charging Voltage (V)	1300
	Min Discharge Voltage (V)	1019
	Voltage Range (Vdc)	DC full load voltage range 720~1300Vdc
	Discharge Depth	90% DoD
	AC Rated Voltage (V)	480
	Grid Type	3P + PE
	Grid Voltage Range	-15% ~ +10%
	Grid Frequency (Hz)	60
	Power Factor	-0.99 ~ +0.99
	Working Temperature (°C)	-30 ~ 50
	Storage Temperature (°C)	-30 ~ 60
	Thermal Management	liquid cooling
	Thermal Control Management	Aerosol Extinguishing
	Communication	CAN, RS485, Ethernet
	Relative Humidity	5-95% (No Condensation)
	Altitude	<2000 m
	Cooling Method	Liquid Cooling
	IP Rating	IP55
	Anti-Corrosion Grade	C4
	Warranty	5 Years
	Certification	UL1973; 2022 UL9540A; 2019 UL9540; 2023 UN38.3, UL 1741, CSA C22.2#107.1, IEEE 1547, IEEE 1547.1 , UL 1741 SB, CFR 47 Part 15 , ANSI C63.4
	Weight (tons)	3
	Total Weight (lb/kg)	3,350 kg 7,385 lb
	Dimensions (WxDxH mm)	Width: 1350 ±3 mm Depth: 1300 ±3 mm Height: 2390 ±3 mm (including lifting rings) 2345 ±3 mm (excluding lifting rings)

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CORE 372 AIO PARAMETERS

kW 125 & kWh 261 | kW 125 & kWh 313

Items	CORE 372 AIO	
Specification	125kW / 261kWh (2h)	125kW / 313kWh (2.5h)
Product Model	CORE-261L05/M7P125	CORE-313L05/M7P125
Cell Type	LFP 3.2V / 314Ah	LFP 3.2V / 314Ah
Module Combination	1P52S	1P52S
System Combination (Modules)	7 in series	7 in series
Output Power (kW)	125	125
Nominal Energy (kWh)	261	313
Usable Energy	234.9 kWh	281.7 kWh
DC Rated Voltage (V)	832	998
Nominal Voltage (V)	832	998
Max Charging Voltage (V)	936	1123
Min Discharge Voltage (V)	728	873
Voltage Range (Vdc)	DC full load voltage range 720~1300Vdc	DC full load voltage range 720~1300Vdc
Discharge Depth	90% DoD	90% DoD
AC Rated Voltage (V)	480	480
Grid Type	3P + PE	3P + PE
Grid Voltage Range	-15% ~ +10%	-15% ~ +10%
Grid Frequency (Hz)	60	60
Power Factor	-0.99 ~ +0.99	-0.99 ~ +0.99
Working Temperature (°C)	-30 ~ 50	-30 ~ 50
Storage Temperature (°C)	-30 ~ 60	-30 ~ 60
Thermal Management	liquid cooling	liquid cooling
Thermal Control Management	Aerosol Extinguishing	Aerosol Extinguishing
Communication	CAN, RS485, Ethernet	CAN, RS485, Ethernet
Relative Humidity	5-95% (No Condensation)	5-95% (No Condensation)
Altitude	<2000 m	<2000 m
Cooling Method	Liquid Cooling	Liquid Cooling
IP Rating	IP55	IP55
Anti-Corrosion Grade	C4	C4
Warranty	5 Years	5 Years
Certification	UL1973; 2022 UL9540A; 2019 UL9540; 2023 UN38.3, UL 1741, CSA C22.2#107.1, IEEE 1547, IEEE 1547.1 , UL 1741 SB, CFR 47 Part 15 , ANSI C63.4	
Weight (tons)	2.2	2.6
Total Weight (lb/kg)	2,200 kg 4,850 lb	2,600 kg 5,732 lb
Dimensions (WxDxH mm)	Width: 1350 ±3 mm Depth: 1300 ±3 mm Height: 2390 ±3 mm (including lifting rings) 2345 ±3 mm (excluding lifting rings)	Width: 1350 ±3 mm Depth: 1300 ±3 mm Height: 2390 ±3 mm (including lifting rings) 2345 ±3 mm (excluding lifting rings)

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CORE 372 AIO PARAMETERS

kw 125 & kWh 365 | kw 175 & kWh 365

Items	CORE 372 AIO	
Specification	125kW / 365kWh (3h)	175kW / 365kWh (2h)
Product Model	CORE-365L05/M7P125	CORE-365L05/M7P175
Cell Type	LFP 3.2V / 314Ah	LFP 3.2V / 314Ah
Module Combination	1P52S	1P52S
System Combination (Modules)	7 in series	7 in series
Output Power (kW)	125	175
Nominal Energy (kWh)	365	365
Usable Energy	328.5 kWh	328.5 kWh
DC Rated Voltage (V)	1164	1164
Nominal Voltage (V)	1164	1164.8
Max Charging Voltage (V)	1300	1310.4
Min Discharge Voltage (V)	1019	1019.2
Voltage Range (Vdc)	DC full load voltage range 720~1300Vdc	DC full load voltage range 720~1300Vdc
Discharge Depth	90% DoD	90% DoD
AC Rated Voltage (V)	480	600
Grid Type	3P + PE	3P + PE
Grid Voltage Range	-15% ~ +10%	-15% ~ +10%
Grid Frequency (Hz)	60	60
Power Factor	-0.99 ~ +0.99	-0.99 ~ +0.99
Working Temperature (°C)	-30 ~ 50	-30 ~ 50
Storage Temperature (°C)	-30 ~ 60	-30 ~ 60
Thermal Management	liquid cooling	liquid cooling
Thermal Control Management	Aerosol Extinguishing	Aerosol Extinguishing
Communication	CAN, RS485, Ethernet	CAN, RS485, Ethernet
Relative Humidity	5-95% (No Condensation)	5-95% (No Condensation)
Altitude	<2000 m	<2000 m
Cooling Method	Liquid Cooling	Liquid Cooling
IP Rating	IP55	IP55
Anti-Corrosion Grade	C4	C4
Warranty	5 Years	5 Years
Certification	UL1973; 2022 UL9540A; 2019 UL9540; 2023 UN38.3, UL 1741, CSA C22.2#107.1, IEEE 1547, IEEE 1547.1 , UL 1741 SB, CFR 47 Part 15 , ANSI C63.4	
	3	3
Weight (tons)		
Total Weight (lb/kg)	3,350 kg 7,385 lb	3,350 kg 7,385 lb
Dimensions (WxDxH mm)	Width: 1350 ±3 mm Depth: 1300 ±3 mm Height:	Width: 1350 ±3 mm Depth: 1300 ±3 mm Height:
	2390 ±3 mm (including lifting rings) 2345 ±3 mm (excluding lifting rings)	2390 ±3 mm (including lifting rings) 2345 ±3 mm (excluding lifting rings)

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