

YOUR  
SMART  
ENERGY

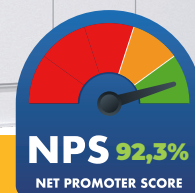


# Aster 3720

1500 V Liquid-Cooling System

## CAPACITY

Battery Module: 46.5 kWh  
System: 3,727.3 kWh



## KEY FEATURES

- Flexible Site Layout
- High Energy Density
- External Maintenance Design
- High-Level System Integration
- Safer Dual Fire Fighting Design
- Intelligent Thermal Management Strategy

\*Net Promoter Score (Recommendation Rate); Source: EUPD Research 2024 Residential

# Aster 3720



Model	AlphaCS-H20-DC-LC
System Parameters	
Dimensions (W x D x H)	6,058 x 2,438 x 2,896 mm
System Weight	35 t
Ingress Protection	IP55
Rated Voltage	1,331.2 V
Nominal Capacity	3,727.3 kWh
Rated Charging and Discharging Power	1,863.6 kW (0.5 C)
Battery Cluster Connection	10 Clusters in Parallel
Battery Chemistry	LFP (LiFePO4)
Cooling	Liquid Cooling
Product Type	Outdoor Container
Fire-Fighting System	Aerosol + Sprinkler (Perfluorohexanone is optional)
Battery Parameters	
Battery Model	M166280-S
Rated Voltage	166.4 V
Nominal Capacity	46.5 kWh
Rated Charging and Discharging Power	23.2 kW (0.5 C)
Ingress Protection	IP67
Weight	333 kg
Dimensions (W x D x H)	810 x 1,110 x 237.5 mm
Operating Temperature Range	-30 °C ~ 50 °C*
Certification	
Compliance	IEC 62619, IEC 62477, UL 9540A, UL 1973, IEC 61000

\*The optimum temperature range is 15~35°C.If the ambient temperature is too high or too low, the battery performance may deteriorate.



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