



comercial@tdgibernavitas.com
976 60 66 60
Rda. del Aeropuerto
50197 Zaragoza
tdgibernavitas.com

BeEfficient.
BeSustainable.

ATLAS UE-L3720



Bringing Green Energy to Life

High-capacity and highly versatile
storage solution designed to adapt to
any energy need.

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Energy Storage System Liquid Cooling Container

ATLAS UE-L3720



Environmentally friendly

The fire-fighting system contains **cabin-level** protection and PACK-level protection. And it uses **aerosol** fire extinguishing devices to extinguish fires, with a wide range of fire-fighting objects, applicable to all types of places. At the same time, the fire extinguishing efficiency and speed is fast and it's all-round inhibitory fire extinguishing.

Ultra-long life

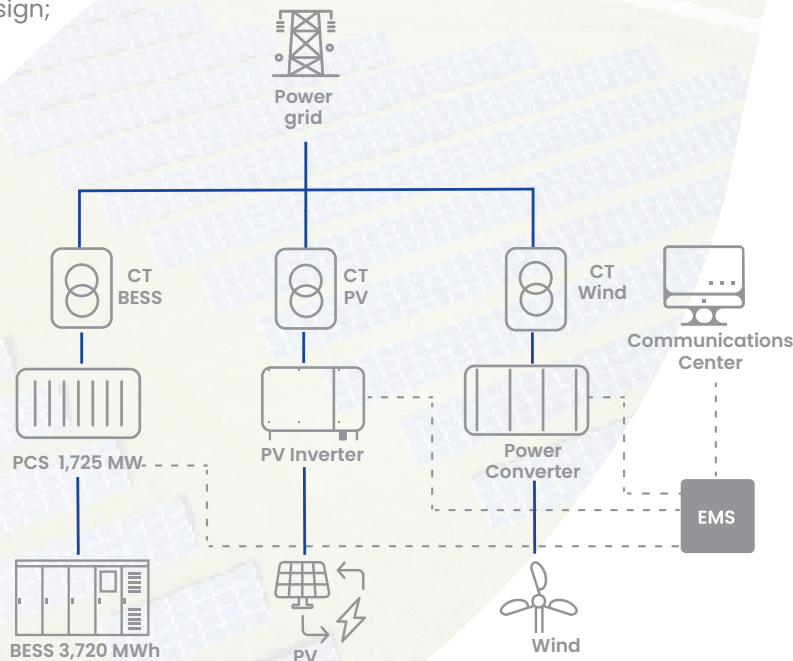
Adaptive expansion force design; **IP67** Pack design; liquid cooling temperature control and cell temperature difference is **less than 3°C**.

Smart operation

- Support automated operation and customised strategy operation.
- Support convenient installation of cables, fast **plug-in, plug-and-play**.
- Support centralised/distributed programme, with wide range of usage scenarios.

Off-grid Mode

The system allows operation in off-grid mode, ensuring energy autonomy even in the absence of the power grid.



MODEL 1725 kW/3720 kWh

DC	
Cell type	280 Ah (LFP)
PACK Capacity	46,6 kWh (1P52S)
System Capacity	3,720 kWh (10P8S)
Voltage range	1.164,8 – 1.497,6 Vdc
Discharge range	0,5 C
Maximum continuous charge/discharge current	1,664 A
Dimensions (W x D x H)	6058*2438*2896 mm
Weight	35 t

AC	
Rated Power	1,725 kW
Maximum Operating Current	Nominal: 1443A Max: 1588A
Nominal mains voltage	690 Vac
LV/MV Transformer	0,69 / (6-35) kV
Nominal Frequency of the Mains	50 Hz / 60 Hz
Total current distortion rate	< 3 %
Power factor	>0,99
Power factor adjustable range	-1 (inductive) to 1 (capacitive)
Maximum power	1898kW (2min)
Maximum PCS efficiency	98,5%
Dimensions (W x D x H)	6058*2438*2896 mm
Weight	15 t

GENERAL	
Protection level	IP54
Life cycles	≥ 8,000
Relative humidity	5-95 %
Maximum working height	3,000 m
Anti-corrosion grade	C5-H
Fire Safety Equipment	AEROSOL
Operating temperature range	-20°C ~ 50°C
Cooling method	Liquid cooling (PACKS) Air cooling (Inverter)

COMMUNICATIONS	
Interface	RS485/Ethernet/4G
Protocol	Modbus-RTU/TCP, IEC104

REGULATIONS	
IEC 62619, IEC 62477-1:2012/AMD:2016, EN IEC61000-6-2, EN IEC61000-6-4, IEC 62040-1, UN38.3, EN 50549-1, NTS 631 V2.1 (Type B/C/D)	

TDG Ibernnavitas

TDG Ibernnavitas Scope



DC Cabinet



DC convergence cabinet



PCS + Transformer + MV Switchgear



Client CT

Client Scope