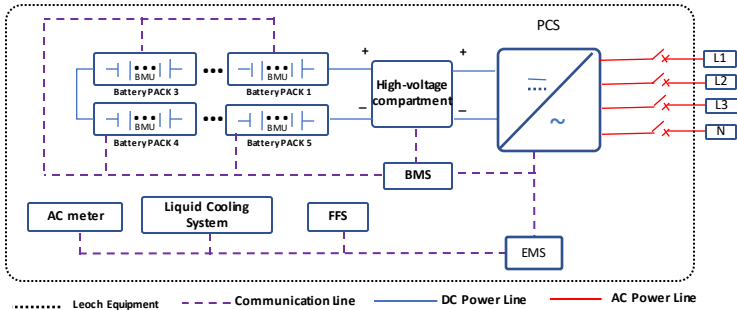


Liquid-Cool Energy Storage System
Titan-S105/261-L



- Highly Integrated
- Flexible deployment
- Safe and Reliable
- Rich configuration



System Model	Titan-S105/261-L
Battery Parameters	
Cell Type	LFP3.2V / 314Ah
Battery PACK Type	1P52S
Cluster Configuration	1P260S
Nominal Energy	261kWh
Battery Voltage Range	728V ~ 936V
AC Parameters (Grid mode)	
Rated Power	105kW
Rated Voltage	400V, 3P4W
Rated Current	152A
Overload Capacity	110% long term
Rated Grid Frequency	50Hz / 60Hz
Power Factor	0.99
Power Factor Range	1 (lead) ~ 1 (lag)
Current Distortion rate	< 3% (Rated power)
DC Component	0.5%
AC Parameters (Islanded mode)	
Rated Power	105kW
Rated Voltage	400V, 3P4W
Rated Current	152A
Rated Frequency	50Hz / 60Hz
THDu	≤ 3% (linear load)
Three-phase unbalance	100%
System Parameters	
Charge and Discharge Rate	≤ 0.5C
Dimensions (W*D*H)	1570*1360*2273mm
Weight	About 2920kg
IP Level	Battery compartment: IP55; Electrical compartment: IP54
Altitude	≤2000m(Derating over 2000 meters)
Operating Temperature	-20℃ ~ 55℃ (> 45℃ derate for use)
Relative Humidity	5 ~ 95% (no condensation)
Cooling method (PCS)	Intelligent air cooling
Cooling method (battery compartment)	Intelligent liquid cooling
Fire Fighting System	PACK level + cabinet level aerosol fire extinguishing + water fire fighting + explosion- proof pressure relief
Communication Interface	RS485, CAN, Ethernet, Dry contact
Certification	IEC62619, IEC61000, IEC62477, UN38.3, IEC62109, IEC61727, IEC62116, EN50549, AS4777, G99, G100, VDE-AR-N 4105/4110/4120, Spain 217001/217002/NTS, TAI-MEA & PEA, NRS097, VDE 4105 & 4110 & 4120, CEI 0-21 & 0-16

Application Scenario

