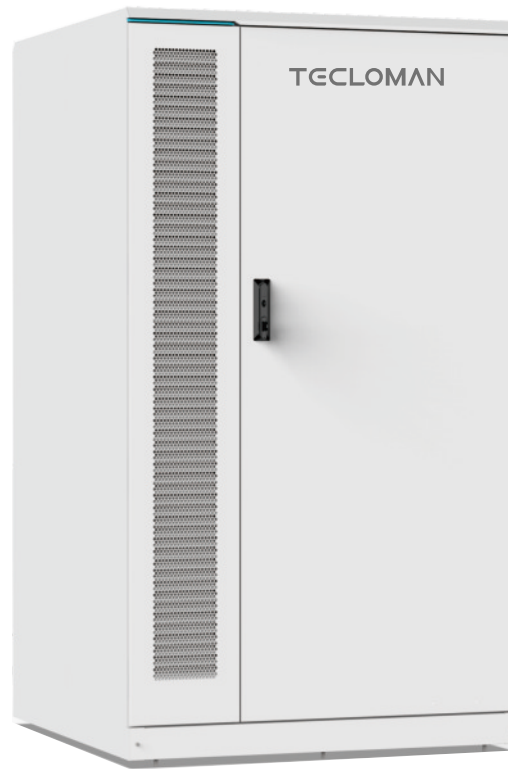


TRACK Outdoor Liquid-cooled Battery Cabinet

TRACK-1500-372



High efficiency liquid cooling technology with the temperature difference $\leq 3^{\circ}\text{C}$



Integrated cabinet design



built-in independent fire protection system



with IP54 protection



280AH large single batteries, adopting laser welding process



Enabling direct outdoor installation



Intelligent BMS system, offering real-time monitoring system security



Advanced heat insulation refractory, provide 2h of fire resistance



Model	TRACK-1500-372
Cell type	LFP280
Group mode	1P416S
High-voltage box	PDU-1500-280-F1
Rated Voltage	1331.2V
Voltage range	1206.4V~1456V
Rated capacity	372.736kWh
Rated charge and discharge power	186kW
Rated charge and discharge current	140A
Maximum continuous charging and discharging current	280A
Charge and discharge efficiency	≥95%
Battery cluster internal resistance	≤20mΩ
Cycle life	≥6000cycles (0.5C,25 °C, 80% EOL, 90% DOD)
Operating Temperature	Charge: 0 - 55 °C; discharging: -20~55°C
Recommended storage temperature	15~35°C
Relative humidity	0~90%RH
Maximum allowable altitude	4000 m (over 2000 m, it will operate in derating)
Self power consumption/month	≤3%
Cooling method	Liquid cooling
Manufacturing process	Laser welding
Communication mode	CAN/RS485/dry contact
Dimensions (WDXH)	1300±5mm*1300±5mm*2300±5mm