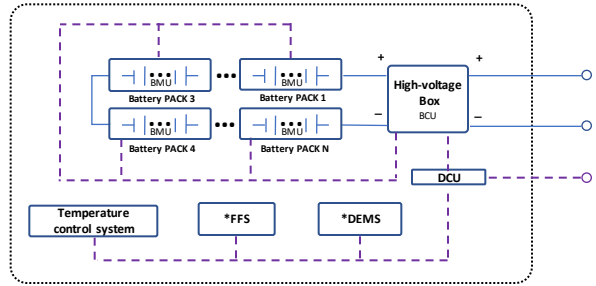


# Air-Cool Battery Energy Storage Systems

Titan-B80~B160-W



- Easy to Install
- Flexible deployment
- Safe and Reliable
- Rich configuration



..... Leoch Equipment    - - - - - Communication Line    ——— DC Power Line  
 \*DEMS: Dynamic Environment Monitoring System; \*FFS: Fire Fighting System

System Model	Titan-B80-W	Titan-B100-W	Titan-B120-W	Titan-B140-W	Titan-B160-W
<b>Battery Parameters</b>					
Cell Type	LFP3.2V,314Ah				
Battery PACK Type	1P20S				
Cluster Configuration	1P80S	1P100S	1P120S	1P140S	1P160S
Nominal Energy	80kWh	100kWh	120kWh	140kWh	160kWh
Nominal Battery Voltage	256V	320V	384V	448V	512V
Battery Voltage Range	224V~288V	280V ~ 360V	336V~432V	392V~504V	448V~576V
Charge and Discharge Rate	0.5C				
<b>System Parameters</b>					
Dimensions (W*D*H)	800*1330*2360mm				
Weight	About 1076kg	About 1212kg	About 1348kg	About 1484kg	About 1620kg
IP Level	IP55				
Cooling method	Air				
Fire Fighting System	Cabinet level aerosol fire extinguishing + water fire fighting +explosion- proof pressure relief				
Grade of corrosion protection	C3				
Relative Humidity	5%-95% (no condensation)				
Operating Temperature	-20°C~50°C				
Altitude	≤2000m(Derating over 2000 meters)				
Communication Interface	RS485, Ethernet				
Communication protocol	Modbus RTU, Modbus TCP/IP				
Certification	IEC62619,IEC61000, UN38.3				

## Application Scenario



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