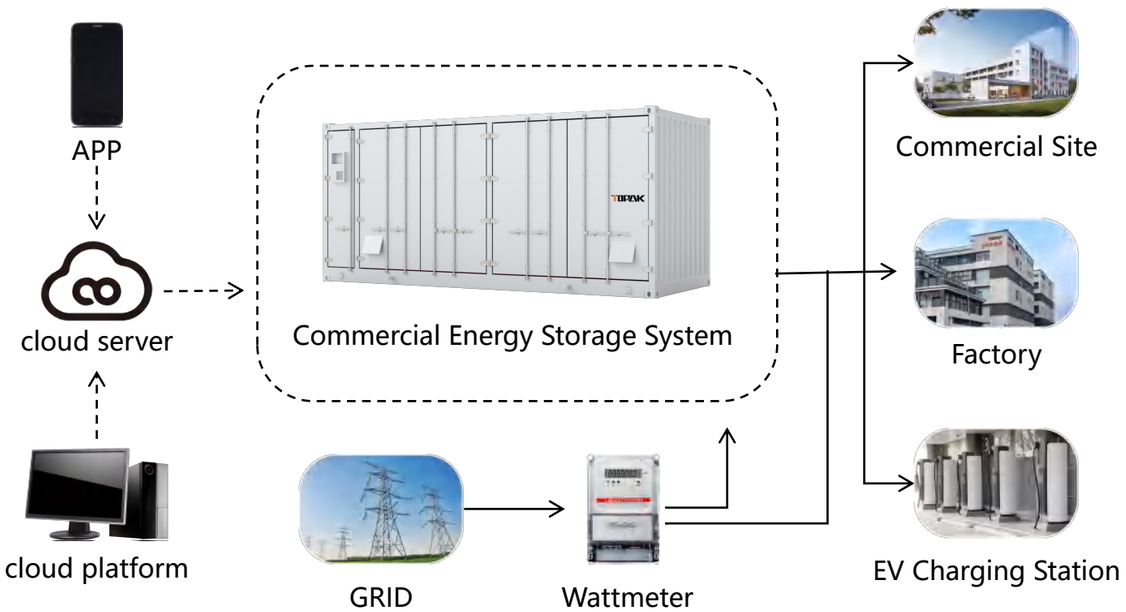
3.44MWh-5MWh Commercial Energy System



SYSTEM TOPOLOGY



PARAMETERS

MODEL	TP3.44MWh-02A-M	TP5MWh-02A-M
Battery Chemistry	**LiFePO4@GF**	**LiFePO4@GF**
Total Capacity	3.44MWh	5MWh
Nominal Capacity	280Ah	314Ah
Nominal Voltage	1228.8V	1331.2V
Operating Voltage Range	1036V-1401V	1164.8V-1497.6V
Nominal Charging Current	140A	157A
Nominal Discharge Current	140A	157A
Storage Temperature Range	-30℃~+45℃	-30℃~+45℃
Operating Temperature Range	-20℃~+60℃	-20℃~+60℃
Operating RH	5%～95%	5%～95%
Working Altitude	≤2000m	≤2000m
Communication Type	LAN/RS485/CAN	LAN/RS485/CAN
IP grade	IP54	IP54
Dimension(L*W*H)	6058*2600*2896mm	6500*2600*2896mm
Net Weight	≈34T	≈45T
Cooling Mode	Liquid Cooling	Liquid Cooling
Cycle	8000 Cycles	8000 Cycles
Calendar Life	15 Years	15 Years
PCS Parameters	Optional	Optional