

Bring Energy to Life!

TMY-5120 Low Voltage Battery System

TYM-5120 series is a low voltage battery that offers multiple energy storage options through an expandable modular design (3-8 modules combined), which further simplifies installation and O&M with multiple smart functions.

The safest battery cell technology (LFP) comes with a high charging rate, ensuring superior performance.



Support 1C charge and discharge rate.



Flexible capacity options, 10.24kWh to 40.96kWh



Easy installation with modular and stacked design



Remote diagnosis and real-time data monitoring

Model						
System Structure						
System Structure						
	TYM-5120HV-3	TYM-5120HV-4	TYM-5120HV-5	TYM-5120HV-6	TYM-5120HV-7	TYM-5120HV-8
Parameters						
Battery number	3	4	5	6	7	8
Capacity (KWh)	15.36	20.48	25.60	30.72	35.84	40.96
Usable (kWh)	13.82	18.43	23.04	27.64	32.25	36.86
Rated voltage (V)	144	192	240	288	336	384
Voltage range (V)	134.4~153.6	179.2~204.8	224~256	268.8~307.2	313.6~358.4	358.4~409.6
Rated capacity	100A					
Charge/discharge	100A					
Battery type	LiFePO4					
Cycle times	80% DOD, cycles>6000, residual capacity>70%					
Communication	RS485/CAN 2.0					
Protection	Over charge/discharge; Over/low temperature; over/short circuit; Over/under voltage					
General						
Dimension (W/D/H)	830*445*768mm	830*445*960mm	830*445*1152mm	830*445*1344mm	830*445*1536mm	830*445*1728mm
Weight	212 kg	265 kg	318 kg	371 kg	424 kg	477 kg
Temperature	Operating: -10°C...+50°C; Storage: -20°C...+60°C;					
Degree of protection	IP20					
Cooling strategy	Natural convection					
Humidity	0-95%,no condensation					
Altitude (m)	<2000					
Certificates	IEC62619, EN61000, EN62619, UN38.3					

Information may be subject to change without notice during product improving

