

APSUN

Professional Energy Storage System Provider

Lithium Iron Phosphate (LifePO4) Battery

Features

- * Longer Cycle Life
- * Light Weight
- * Higher Power
- * Superior Safety



Model	YTL-0128V100AH	YTL-0256V100AH
Nominal Voltage	12.8V	25.6V
Work Voltage Range	10~14.6V	21~29.2V
Max Charging Voltage	14.6V	29.2V
Cutt-off Discharge Voltage	10.0V	21.0V
Nominal Capacity	100AH	100AH
Nominal Energy	1.28KWH	2.56KWH
Max Power	1.2KW	3KW
2S Peak Power	1.53KW	3.07KW
2S Peak Current		120A
Charging Current		50A
Maximum Charging Current		100A
Discharge Current		100A
Maximum Discharging Current		100A
DC Bus Maximum Current		120A
Connection Options	4 in parallel or 4 in series	
Humidity	15%~95%	
Housing Material	ABS+PC	
Cycle life (±25°C)	5000 Cycles, @DOD80% at 25°C	
Colling Concept	Natural	
Management System	BMS	
Operating Temperature	Discharge: -10°C~60°C	
	Charge: 0°C~45°C	
Recommended Operating Temperature	Discharge: -10°C~60°C	
	Charge: 0°C~45°C	
	Storage: 0°C~25°C	
Soft Control Power Button	ON/OFF	
Altitude	<2000m	
Reset Button	Soft Control Reset	
Protection Degree	IP65	
Product Dimension	330*172*215mm	522*240*218mm
Package Dimension	410*250*295mm	610*380*345mm
Product Weight	10KG	19.2KG
Package Weight	10.8KG	21.8KG
Standards	CE / UN38.3	