

• Features and advantages



Residential
energy storage



Built-in heating
function(optional)



Easy to install



High water
proof strength



Cycle life :
≥8000 Cycles



Built-in aerosol
fire extinguisher



Specification

	UNIV-16kWh(WP)
BATTERY PARAMETERS	
Battery Type	LiFePO ₄ (LFP)
Total Energy (kWh)	16.08
Usable Energy (kWh)	15.11
Nominal Capacity (Ah)	314
Nominal Voltage (Vdc)	51.2
Operating Voltage Range (Vdc)	44.8 ~ 57.6
Recommend Charge/Discharge Current (A)	157/157
Max. Charge/Discharge Current (A)	157/200
Recommend Using DOD	90%
Scalability	Max 20 in Parallel
Dimension (W *H* D) (mm)	525*720*245
Weight (kg)	115
User Interface	APP+Wi-Fi
Safety Protection	Built-in aerosol fire extinguisher
Communication	CAN/RS485
Cycle Life ^[1]	≥8000 Cycles
OPERATING CONDITION	
Charge Temperature Range	0℃ ~ 55℃ /-20℃ ~ 55℃ (optional)
Discharge Temperature Range	-20℃ ~ 55℃
Storage Temperature	-20℃ ~ 55℃
IP Rating	IP65
Installation Type	Free-standing
Cooling Type	Natural
Altitude	≤2000 m
CERTIFICATION AND SAFETY	
Certification	UN38.3/MSDS/IEC 62619/CE-EMC/CE-RED
Compatible Inverters	Solis/Growatt/GoodWe/Pylontech/SMA/LuxpowerTek/Deye/etc.
^[1] Test conditions:0.2C Charge/Discharge, 25℃, 90% DOD, 70% EOL	