

Lithium Battery

Wall-Mounted Version (Single Battery Module)



Specification

MODEL		UNIV7600W
BATTERY PARAMETERS		
Total Energy (kWh)		7.68
Useable Energy (kWh)		7.22
Nominal Voltage (Vd.c)		51.2
Voltage Range (Vd.c)		44.8 ~ 57.6
Rated Capacity (Ah)		150
Recommend Current (A)	Charge	75
	Discharge	75
Peak Charge Current (A)		100
Peak Discharge Current (A)		101 ~ 110A @ 1 hour 111 ~ 250A @ 10 sec
Recommend Using DOD		90%
Dimension (W *H* D) (mm)		440*660*155
Weight (KG)		62
BMS Features		Over-voltage & Over-current Protection/Short-circuit Protection Low-voltage Protection/Over Temperature Protection/Cell Balance
Communication		CAN/RS485
OPERATING CONDITION		
Operation Temperature	Charge	0°C ~ 55°C (32°F ~ 131°F)
	Discharge	-20°C ~ 60°C (-4°F ~ 140°F)
Storage Temperature		15°C ~ 35°C (59°F ~ 95°F)
IP Rating		IP20
Installation Type		Wall-Mounted & Stackable
Cooling Type		Natural
Operating Environment		Indoor (5% ~ 95%(RH) No Condensing)
Altitude		<4000 m
CERTIFICATION AND SAFETY		
Warranty		10 Years
Operation Life		15+ Years (25°C/77 °F)
Cycle Life		>8000@25°C, 80%DOD
Certification		CE/Cell UL 1973
Transportation Certification		UN38.3/MSDS

The recommended and max. continuous operation current is for a battery cell temperature within 10~40°C to consider, out of such temp. range will cause a derating on operation current.

Lithium Battery

Stacking Version (Battery Pack)



Specification

MODEL	UNIV-LV ST60k
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Component	8*Modules 1*Base
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BATTERY PARAMETERS

Total Energy (kWh)	61.44	
Useable Energy (kWh)	57.75	
Nominal Voltage (Vd.c)	51.2	
Voltage Range (Vd.c)	44.8 ~ 57.6	
Rated Capacity (Ah)	1200	
Recommend Current (A)	Charge	600
	Discharge	600
Recommend Using DOD	90%	
Dimension (W *H* D) (mm)	660*1360*440	
Weight (KG)	516	
BMS Features	Over-voltage & Over-current Protection/Short-circuit Protection Low-voltage Protection/Over Temperature Protection/Cell Balance	
Communication	CAN/RS485	

OPERATING CONDITION

Operation Temperature	Charge	0°C ~ 55°C (32°F ~ 131°F)
	Discharge	-20°C ~ 60°C (-4°F ~ 140°F)
Storage Temperature		15°C ~ 35°C (59°F ~ 95°F)
IP Rating		IP20
Installation Type		Stackable
Cooling Type		Natural
Operating Environment		Indoor (5% ~ 95%(RH) No Condensing)
Altitude		<4000 m

CERTIFICATION AND SAFETY

Warranty	10 Years
Operation Life	15+ Years (25°C/77 °F)
Cycle Life	>8000@25°C, 80%DOD
Certification	CE/Cell UL 1973
Transportation Certification	UN38.3/MSDS

The recommended and max. continuous operation current is for a battery cell temperature within 10~40°C to consider, out of such temp. range will cause a derating on operation current.