

Lithium Battery

Lead to Lithium Battery



Specification

MODEL		UNIV12280
BATTERY PARAMETERS		
Total Energy (Wh)		3584
Useable Energy (Wh)		3369
Nominal Voltage (Vd.c)		12.8
Voltage Range (Vd.c)		11.2 ~ 14.4
Rated Capacity (Ah)		280
Recommend Current (A)	Charge	140
	Discharge	140
Max. Current (A)	Charge	200
	Discharge	200
Depth of Discharge (DOD)		90%
Dimension (W *H* D)(mm)		522*218*240
Weight (KG)		28
Scalability		Max 4 in Parallel/ Max 4 in series
OPERATING CONDITION		
Operation Temperature	Charge	0°C ~ 55°C (32°F ~ 131°F)
	Discharge	-20°C ~ 60°C (-4°F ~ 140°F)
Storage Temperature		-20°C~50 °C(-4°F ~ 122°F)
IP Rating		IP20
Cooling Type		Natural
Operating Environment		Indoor (5% ~ 95%(RH) No Condensing)
Altitude		≤4000 m
CERTIFICATION AND SAFETY		
Warranty		3 Years
Operation Life		5+ Years (25°C/77 °F)
Cycle Life		≥8000@25°C
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.