

DATASHEET



UF5000

Basic Parameters	UF5000
Nominal Voltage (Vdc)	51.2
Nominal Capacity (Wh)	5120
Usable Capacity (Wh)	4864
Depth of discharge (%)	95
Dimension (mm)	442*452.6*161
Weight (Kg)	42
Discharge Voltage (Vdc)	45.6~56.8
Charge Voltage (Vdc)	56~56.8
Recommended Charge/Discharge Current (A)	100
Max. continuous Charge/Discharge Current (A)	100
Peak Charge/Discharge Current (A)	105-119@15min 120~200@15sec
Communication	RS485, CAN
Configuration (max. in 1 battery group)	20pcs
Working Temperature	-10°C ~ 55°C
Storage Temperature(°C)	-20°C ~ 60°C
Short current/duration time	<2000A/1ms
Cooling type	Natural
Protective class	I
IP rating of enclosure	IP20
Humidity	5% ~ 95%(RH) No Condensation
Altitude(m)	≤4000
Certification	IEC62619、UN38.3、RoHS、Reach、WEEE、MSDS
Design life	15 Years (25°C/77°F)
Cycle Life	>6,000 25°C