

Energy U-series battery systems

Energy U-series stand alone battery systems have been designed to provide power backup for electrical substations. These high quality battery systems provide maintenance-free energy storage in compact solutions. Amopack has designed rack-mount lithium-ion battery systems



Energy lithium-ion U-series RACK 19" 4U

Nominal characteristics

Nominal voltage (V)	115
Capacity (C/8) (Ah)	50
Energy (C/8) (Wh)	5780

Electrical characteristics

Voltage window (V)	96 to 128
Charge voltage range (V)	124 to 128
Permanent discharge current (A)	50 A
Recharge time (h)	≤ 25

Backup time at different loads

2 KW	2 h 50 min
1 kW	5 h 45 min
500 W	11 h 35 min

Mechanical characteristics

Width(mm)	445
Height (mm)	176
Depth(mm)	530
Weight (kg)	<50Kg

Operating conditions

Operating temperature	-20°C / 60°C
Storage temperature	15°C / 30°C
Life time at 25°C perm	> 10 years
Protection class	IP 20

Control / Display

On/Off switch	
Charge/Discharge management	
Cell balancing	
SOC-SOH / 4 LEDs - 2LEDs	
Battery pack protection: 2 level protections (overvoltage, undervoltage, overdischarge, overcharge, short-circuit, overtemperature, undertemperature)	

AMOPACK,S.L.

C/ Becolarra 4, pab 27 y 16

01010 Vitoria Spain

Tel: +34 945 24 93 54

Fax: +34 945 24 17 07

Comunication

www.amopack.com

Mod Bus Protocol

Options

Alarms

Other configurations