

KILOVANT

TELECOM RACK BATTERY EDLF 48V SERIES

48V SERIES



Longer Cycle Life

Lighter Weight

Higher Power

Wider Temperature Range

Superior Safety

Multi-Protocol Compatibility

Datasheet

Model	EDLF-48100	EDLF-48150	EDLF-48200
ELECTRICAL CHARACTERISTICS			
Nominal Voltage	48.0V		
Nominal Capacity	100Ah	150Ah	200Ah
Nominal Energy	4800Wh	7200Wh	9600Wh
Combination Method	15S1P		
Cycle Life	≥6000 cycles @ 80% DOD 25°C		
Months Self Discharge	1%/M		
Efficiency Of Charge	≥97%		
Efficiency Of Discharge	≥98%		
STANDARD CHARGE			
Recommended Charging Voltage	54.0V	54.8V	54.0V
Recommended Charging Current	20A	30A	40A
Max. Charging Voltage	54.75V		
Max. Charging Current	100A		
STANDARD DISCHARGE			
Recommended Discharging Current	50A	75A	100A
Max. Pulse Current	100A	150A	200A
Discharge Cut-off Voltage	40.0V		
ENVIRONMENTAL			
Charge Temperature	0°C~55°C		
Discharge Temperature	-20°C~60°C		
Storage Temperature	0°C~40°C		
OTHER			
IP Class	IP30		
Case Material	SPPC		
Dimensions	442*450*133mm	442*570*133mm	442*480*222mm
Weight	43kg	60kg	80kg
Optional	Anti-theft function, LCD display, GPS module		

* If the ambient temperature is too high or too low, performance will be limited.

* Under specific test conditions.

www.kilovantsolar.com

sales@kilovantsolar.com