

48V 50AH LFP

LIGEN POWER BATTERY



E- LOADER

NOMINAL VOLTAGE
51.2V

BATTERY CONFIGURATION
16S1P

RATED CAPACITY
50Ah

SPECIFICATIONS

Description	48V 50Ah LFP
Nominal voltage	51.2V
Battery configuration	16S1P
Rated capacity	50Ah
Nominal energy	2560wh
Usage application	E-Loader
Battery operating voltage range	40V to 58.4V $\pm 0.5V$
continuous charging current (Amp)	12.5A @ 0.25C
Maximal charging current (Amp)	25A @ 0.5C
Continuous Discharging current (Amp)	45A $\pm 5A$
Max discharge current (Amp)	50A $\pm 5A$
SOC required for long period storage & transportation	25% / 12.5Ah
Inbuilt Automatic Protection System	YES
low voltage protection	YES
over voltage protection	YES
over charge/discharge current protection	YES
over charge/discharge temp protection	YES