KE-TDS-128160

KOSH Energy

KOSH Energy Technologies Pvt Ltd (KETPL) is a leading manufacturer of Lithium Battery Systems across chemistries and applications.

Technical Data Sheet for 12.8V 160Ah battery for UPS and Energy Storage Applications

Cell

Type	Nominal Voltage	Nominal Capacity	Nominal C-Rate	Maximum C-Rate
LFP-Prismatic	3.2 V	80 Ah	C/5	3C

Battery

Voltage (V)	12.8
Capacity(Ah)	160
Max Voltage(V)	14.4
Min Voltage (V)	10
Max Continuous Current(A)	53.3
Size(mm)*	280x220x140
Weight**(Kgs)	16
BMS features	Over Charge Protection, Over Current Protection, Short Circuit Protection, Under Voltage Protection, Over Temperature Cut-off, Cell Balancing '"Add to above" : Pre- Discharge Circuit, RS-485 communication with access to the following parameters: BMS Status, cell voltages, pack current, cell temperatures, MOSFET temperature, SOC, SOH, balancing status and cell DC resistance
Life***	2000 cycles or 3 years whichever is earlier

Caution: It is recommended that the battery is charged only by a CC-CV charger approved by KOSH Energy

* Dimensions are subject to variations as per chosen orientation, enclosure and BMS.

**Approximate weights may vary depending upon chosen orientation, enclosure and BMS.

***Capacity at End-Of-Life will be 80% of Nominal capacity.

Disclaimer: This datasheet is a standard version of a pre-manufactured battery pack. Customization/Prototyping will change these mentioned parameters. This TDS is for informative purposes only and should not be used for any technical/commercial or legal claims.

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