

DMEGC 16S 60V 58500mAh (58.5Ah) 16S13P 3C Lithium-Ion Rechargeable Battery Pack

SKU / Model: Not specified

PRODUCT OVERVIEW

Specification Details Brand DMEGC Battery Chemistry Lithium-Ion (NMC) Configuration 16S13P
Battery Class 60V Nominal Voltage Approx. 57.6V* Maximum Charge Voltage 67.2V Capacity
58500mAh (58.5Ah) Nominal Energy Approx. 3369Wh (3.37kWh)* Cell Capacity Required Approx.
4500mAh Cell Discharge Rating Up to 3C* Total Cells 208 BMS JBD HARDWARE BMS BMS Current
Application Dependent Cell Balancing BMS Dependent Connector XT60 / XT90 / Anderson / Custom
Dimension/weight 191*291*145mm / 14.56kg Applications E-Bike, EV, Scooter, Robotics, Energy
Storage & OEM

TECHNICAL SPECIFICATIONS

Nominal Voltage: 60V
Capacity: 58500mAh
Energy: 3369Wh
Chemistry: Lithium-Ion
Charging Voltage: 67.2V
Product Category: 16 Cell 60V Li-Ion Battery Pack (59.2V~67.2V)

PRODUCT DESCRIPTION

DMEGC 16S 60V 58500mAh (58.5Ah) 16S13P 3C Lithium-Ion Rechargeable Battery Pack The DMEGC
16S 60V 58500mAh (58.5Ah) 16S13P 3C Lithium-Ion Rechargeable Battery Pack is a high-capacity
NMC Lithium-Ion battery pack designed for electric scooters, e-bikes, electric motorcycles,
EVs, robotics, portable power systems, and industrial applications. Built in a 16S13P
configuration, the pack contains 208 lithium-ion cells, arranged as 16 series groups with 13
cells connected in parallel in each group. Using a typical 3.6V nominal NMC cell voltage,
the battery provides approximately 57.6V nominal voltage, commonly referred to as a
60V-class battery, with approximately 3.37kWh nominal energy. With standard 4.2V-per-cell
charging, the maximum charging voltage is 67.2V. The battery pack can be customized with a
suitable BMS, cell balancing, connectors, wiring, insulation, enclosure, and protection
system according to your application requirements. Key Features DMEGC Lithium-Ion Cells NMC
Lithium-Ion Chemistry 16S13P Battery Configuration 60V-Class Lithium-Ion Battery 58500mAh
(58.5Ah) Capacity 3C Cell Technology Approximately 3.37kWh Nominal Energy High Energy
Density Rechargeable Battery Pack Optional Standard or Smart BMS Bluetooth / CAN / RS485 BMS
Options Custom Connectors & Wiring Available Suitable for EV & Energy Storage Applications
OEM & Custom Battery Pack Manufacturing Battery Configuration 16S13P = 16 series groups ×13
cells in parallel Series: 16 Parallel: 13 Total Cells: 208 Capacity: 58.5Ah Nominal Voltage:
approximately 57.6V Maximum Charging Voltage: 67.2V Nominal Energy: approximately 3.37kWh
Battery Class: 60V Lithium-Ion Applications 60V E-Bikes Electric Scooters Electric
Motorcycles EV Battery Packs Electric Rickshaws Robotics AGV & AMR Systems Portable Power

LION BATTERY

PRODUCT DATASHEET

Systems Solar & Energy Storage Systems Industrial Equipment Custom OEM Battery Packs

Advantages Reliable DMEGC lithium-ion cells High-capacity 58.5Ah battery 16S13P

configuration Approximately 3.37kWh energy 60V-class lithium-ion output NMC lithium-ion

chemistry High energy density Optional Smart BMS Custom wiring and connectors Suitable for

EV and energy storage applications OEM and bulk manufacturing available Package Includes 1

×DMEGC 16S 60V 58500mAh (58.5Ah) 16S13P 3C Lithium-Ion Rechargeable Battery Pack