



IGS LITHIUM BATTERY APPLICATION GUIDELINES

LITHIUM-ION, LITHIUM POLYMER, & LITHIUM IRON PHOSPHATE

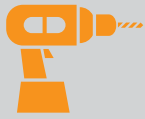
APPLICATION	MAIN PRODUCTS	HIGHLIGHTS
<p>WEARABLE</p>  <p>WE SERIES</p>	<ul style="list-style-type: none"> ■ FITNESS TRACKING ■ HEALTH MONITORING ■ PERSONAL EMERGENCY ■ VIRTUAL/AUGMENTED REALITY 	<ul style="list-style-type: none"> ■ HIGH ENERGY DENSITY ■ ULTRA-SMALL FORM FACTOR ■ RAPID CHARGING
<p>MEDICAL</p>  <p>ME SERIES</p>	<ul style="list-style-type: none"> ■ PORTABLE EQUIPMENT ■ POWER BACKUP ■ FIELD EQUIPMENT 	<ul style="list-style-type: none"> ■ ENVIRONMENTALLY HARDENED ■ HIGH ENERGY DENSITY ■ LONG LIFE CYCLE
<p>COMMUNICATION</p>  <p>CO SERIES</p>	<ul style="list-style-type: none"> ■ CORDLESS PHONES ■ CELLULAR PHONES ■ TABLETS 	<ul style="list-style-type: none"> ■ IEEE CERTIFIED FOR CARRIER GRADE CELLULAR DEVICES ■ SMALL FORM FACTOR
<p>LIGHTING</p>  <p>LI SERIES</p>	<ul style="list-style-type: none"> ■ LANDSCAPE ■ STREET LIGHTS ■ EMERGENCY ■ FLASH LIGHTS 	<ul style="list-style-type: none"> ■ EXTREME TEMPERATURE AND HUMIDITY ■ WATER AND MOISTURE PROOF ■ HIGH CAPACITY (>100AH)
<p>TRANSPORTATION</p>  <p>TR SERIES</p>	<ul style="list-style-type: none"> ■ ELECTRIC CARS ■ ELECTRIC BICYCLES ■ ELECTRIC SCOOTERS 	<ul style="list-style-type: none"> ■ UL AUTOMOBILE CERTIFIED ■ WIDE TEMPERATURE RANGE ■ HIGH PEAK CURRENT (>50A) ■ HIGH CAPACITY (>200AH) ■ OPTIONAL HIGH-PERFORMANCE MICRO-TUBE CARBON DOPING
<p>TOY</p>  <p>TO SERIES</p>	<ul style="list-style-type: none"> ■ DRONES ■ GENERAL TOYS ■ ELECTRIC TOY CARS ■ ELECTRIC SCOOTERS 	<ul style="list-style-type: none"> ■ LOW COST ■ CUSTOM SHAPE AND FORM FACTOR

APPLICATION

MAIN PRODUCTS

HIGHLIGHTS

POWER TOOLS



PT SERIES

- POWER TOOLS
- INSTRUMENTATION
- PORTABLE DEVICES

- WIDE TEMPERATURE RANGE
- WATER-PROOF
- HIGH PEAK CURRENT
- LONG LIFE CYCLE

APPLIANCES



AP SERIES

- VACUUM CLEANERS
- RECHARGEABLE R/C
- RECHARGEABLE A/V DEVICES

- CUSTOM SHAPE AND FORM FACTOR
- RAPID CHARGING
- LONG LIFE CYCLE

ENERGY STORAGE



EN SERIES

- HOME
- INDUSTRIAL
- SOLAR ENERGY

- HIGH CAPACITY
- WIDE TEMPERATURE RANGE
- HERMETICALLY SEALED
- HIGH CAPACITY (>100AH)

CUSTOM BATTERY PACKS



CU SERIES

- PORTABLE SOLAR PANELS
- FIELD HOSPITAL
- CONSTRUCTION SITES

- INTEGRATED PACKAGING, CONTROL, AND DISPLAY
- CUSTOM ENCLOSURE
- HIGH CAPACITY

IGS KEY DIFFERENTIATORS

- VERTICALLY INTEGRATED IN-HOUSE PRODUCTION, INCLUDING RAW BATTERY CELL, INTEGRATED PROTECTION AND CHARGING CIRCUITS, ENCLOSURE, AND CONNECTOR.
- CUSTOM DESIGN AND PRODUCT CERTIFICATION SERVICES.
- ISO9001, UL, CE, REACH, LGA, SGS, CTI, ROHS, PAHS, AND BSCI CERTIFIED.
- CTIA CERTIFIED FOR APPLE PRODUCTS.
- IEEE CERTIFIED FOR CARRIER-GRADE MOBILE DEVICES.
- OPTIONAL MICRO-TUBE CARBON DOPING TECHNOLOGY FOR HIGH-CURRENT APPLICATIONS
- IN-HOUSE R&D WITH OVER 30 INTERNATIONAL PATENTS.
- FULL-LINE CUSTOM BATTERY PACK, FROM SUPER THIN (2.5 MM) UP TO 200AH CAPACITY.
- SHORT LEAD-TIME, 2-3 WEEKS FOR FULL CUSTOM SAMPLES, 6 WEEKS FOR FULL CUSTOM PRODUCTION.
- WE ARE ABLE TO INTEGRATE ANY BATTERY APPLICATION INTO A COMPLETE ASSEMBLY PACK OR A TOTAL ASSEMBLED FINISHED PRODUCT!
- WE PROVIDE 100% LOCAL TECHNICAL SUPPORT.

IGS CONTACT INFORMATION

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INNOVATIVE GLOBAL SOLUTIONS...“LOCAL COVERAGE, GLOBAL REACH”!