



LITHIUM

// 12.8V BATTERY RANGE

POWERFUL, RELIABLE, SAFE

Made from the highest quality LiFePO4,
complete with cell and safety certifications



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KEY FEATURES AND BENEFITS //

LITHIUM BATTERY TECHNOLOGY GIVES HIGHEST ENERGY DENSITY AND HIGHEST ELECTRODE POTENTIAL DIFFERENCE OFFERING THE GREATEST KILOWATT-HOUR CAPACITY PER-UNIT-WEIGHT. THIS TECHNOLOGY HAS BEEN PROVEN TO GIVE SUPERIOR PERFORMANCE AS COMPARED TO LEAD-ACID BATTERY TECHNOLOGY.

AMPTECH LITHIUM'S ADVANTAGES OVER COMPETITION ARE ITS //

- **PREMIUM 26700 CYLINDRICAL CELLS**
 - Highest Cell Power Capacity if 103%-105%
 - UL1642, IEC62619, IEC62133 listed with Cycle life greater than 6000 times @ 80% DOD
 - Excellent power output consistency after multiple discharges
 - Strict cell matching standards with internal resistance difference of 1mΩ and voltage of 5mV
 - Cells are assembled by automatic welding equipment to ensure quality and consistency
- **ADVANCE BATTERY MANAGEMENT SYSTEM**
 - High Quality BMS with dedicated active cell balancing
 - Enhanced circuit board protection preventing overcharge, over discharge, short circuit, and cell imbalance
- **RELIABLE AND DURABLE INTERNAL STRUCTURE**
 - Refined Cell holder design to increase protection and ensures cell spacing and separation avoiding any short circuit risk caused by vibration or impact which at the same time provides improved heat dissipation
- **SMALLER SIZE AND LESS WEIGHT**
 - Battery size is only 3/4 physical size of equivalent AGM battery
- **MANUFACTURED AND TESTED IN CERTIFIED FACILITIES**
 - Complete product compliance with certified safety and quality certificates
 - Manufactured in ISO-certified facilities and passed EU standards
 - All batteries are 100% cycle tested (Fully Discharged - Fully Charged - Fully Discharge - 60% Charge) before packaged
- **BLUETOOTH SMART MONITORING**
 - Available to some models
 - Allows instant access to battery status (state of charge-SOC, voltage, cycles, temperature) and complete log of battery's activities

Battery Type	Size	Voltage	Ah (C20)	Length, mm	Width, mm	Height, mm	Weight, kg	Terminal	Months Warranty
AMPTECH LITHIUM 5									
ATLG12-120-BT	G24	12.8	120	260	170	208	13.0	M8	60
ATLG12-135-BT	G27	12.8	135	305	169	210	14.0	M8	60
ATLG12-150-BT	G31	12.8	150	330	173	216	15.5	M8	60
ATLG12-240-BT	G49	12.8	240	490	171	240	23.0	M8	60
ATLG12-300-BT	8D	12.8	300	521	267	220	33.0	M8	60
AMPTECH LITHIUM 5 - SLIMLINE									
ATLG12-100BT-FT		12.8	100	507	110	227	11.5	M8	60
ATLG12-225BT-FT		12.8	225	561	125	316	21.0	M8	60
AMPTECH LITHIUM 3									
ATLS12-100	G24	12.8	100	260	170	208	11.5	M8	36
ATLS12-100-BT	G24	12.8	100	260	170	208	11.5	M8	36
ATLS12-120	G27	12.8	120	305	169	210	13.5	M8	36
ATLS12-120-BT	G27	12.8	120	305	169	210	13.5	M8	36
ATLS12-130	G31	12.8	130	330	173	216	15.0	M8	36
ATLS12-130-BT	G31	12.8	130	330	173	216	15.0	M8	36
ATLS12-200	G49	12.8	200	490	171	240	22.0	M8	36

MARKET APPLICATIONS //



CERTIFICATIONS //

UL1642 (Cell), CE (Pack), IEC62133 (Cell), UN38.3 (Cell / Pack), IEC62619 (Cell), ROHS (Cell)

