



LITHIUM IRON PHOSPHATE (LIFEPO4) BATTERY

12V 65Ah

UN38.3
CERTIFIED

CARACTÉRISTIQUES ÉLECTRIQUES / ELECTRICAL CHARACTERISTICS

TENSION NOMINALE	NOMINAL VOLTAGE	12V
CAPACITÉ NOMINALE	NOMINAL CAPACITY	65Ah
DIMENSIONS	DIMENSIONS	
• Longueur	• Length	262±1 mm
• Largeur	• Width	167 ±1 mm
• Hauteur	• Height	212 ±1 mm
• Hauteur totale (avec cosSES)	• Total height with terminals	
POIDS	WEIGHT	9,2 Kg
TYPE DE COSSES	TERMINAL UK	M8
BAC	BAC UK	ABS
RÉSISTANCE INTERNE	INTERNAL RESISTANCE	≤40mΩ
CYCLE DE VIE	CYCLE LIFE	≥80%
TENSION DE CHARGE	CHARGE VOLTAGE	14.4±0.1V
MODE DE CHARGE	CHARGE MODE	CC/CV please use special lithium charger
COURANT DE CHARGE	CHARGER CURRENT	10A
COURANT DE CHARGE MAX.	MAX. CHARGE CURRENT	65A
COURANT D'IMPULSION MAX.	MAX. PULSE CURRENT	100A (<3S)
TENSION FIN DE DÉCHARGE	DISCHARGE CUT-OFF VOLTAGE	ABOUT 10V
TEMPÉRATURE DE CHARGE	CHARGE TEMPERATURE	0°C to +45°C
TEMPÉRATURE DE DÉCHARGE	DISCHARGE TEMPERATURE	-20°C to +60°C
TEMPÉRATURE DE STOCKAGE	STORAGE TEMPERATURE	0°C to 40°C



FR : Techniquement, la technologie LiFePO4 surpasse sur tous les points la technologie plomb : fiabilité, sécurité, propreté, performances =

- Seulement 1/2 du poids de votre batterie plomb d'origine
- Durée de vie théorique 4 à 5 fois supérieure aux batteries plomb (2000 cycles contre 500 cycles max pour le plomb)
- Plus sécurisant : Aucune fuite possible, aucun acide dans la batterie. Aucun risque d'explosion ou de combustion après un choc, un court-circuit ou une surchauffe.
- Plus écologique : pas de plomb, pas de cadmium, pas de mercure
- Performance : 2 fois plus performante qu'une batterie plomb, même à haut décharge

UK: Longer Cycle Life: Offers up to 20 times longer cycle life and five times longer float/calendar life than lead acid battery, helping to minimize replacement cost and reduce total cost of ownership.

Lighter Weight: About 40% of the weight of a comparable lead acid battery. A 'drop in' replacement for lead acid batteries.

Higher Power: Delivers twice power of lead acid battery, even high discharge rate, while maintaining high energy capacity.

Wider Temperature Range: -20 C~60 C.

Superior Safety: Lithium Iron Phosphate chemistry eliminates the risk of explosion or combustion due to high impact, overcharging or short circuit situation.

APPLICATIONS / APPLICATIONS

VÉHICULES ÉLECTRIQUES	ELECTRIC VEHICLES, ELECTRIC MOBILITY
SOLAIRE, ÉOLIEN	SOLAR/WIND ENERGY STORAGE SYSTEM
ONDULEUR, SAUVEGARDE	UPS, BACKUP POWER
TÉLÉCOMMUNICATION	TELECOMMUNICATION
ÉQUIPEMENT MÉDICAL	MEDICAL EQUIPMENT
ÉCLAIRAGE	LIGHTING

TMD 1 Description, classe : UN 3480 – PILES AU LITHIUM IONIQUE, 9, II, (E)

ADR : Dangerous

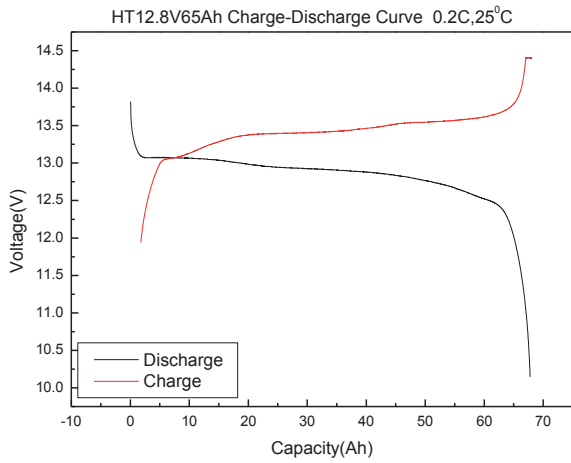
IMDG Dangerous

IATA : Dangerous

Procédure TMD PROC 11 : UN 3480 (Total) -ION



CHARGE / DISCHARGE CURVE AT 25°C



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ADR : Dangerous	IMDG Dangerous
IATA : Dangerous	Procédure TMD PROC 11 : UN 3480 (Total) -ION



OUTLINE SAFETY WARNING: USE ONLY WITH IN THE ALLOWED PARAMETERS. Do not short circuit or over-load the battery. Charge only using an approved charger designed specifically to charge this battery. Do not heat above maximum temperatures indicated. Never crush, mutilate, puncture or abuse the battery. Do not dismantle the pack or disable any of the protective devices or circuits. DO NOT USE THE BATTERY IF YOU SUSPECT IT MAY BE FAULTY OR DAMAGED.

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