

# P2X LFP

24V

General Electric Specification : 24V Basic Module P2X LFP					
Battery Capacity @ 1 A Discharge	30	Ah	+ 1,5 / - 1,5	@ 0 cycles	
Battery Capacity @ 10 A Discharge	27	Ah	+ 1,5 / - 1,5	@ 0 cycles	
Minimal Cycle Life (standard setting)	1500	#	full cycles	min. 70% rated capacity	
Minimal Cycle Life (long life setting)	2000	#	full cycles	min. 70% rated capacity	
Nominal Voltage	25,7	V			
Charge Voltage Limit	28,8	V	+ 0.0 / - 0.28	not for long life settings	
Nominal Charge Current	50	A		recommended : "CC" and "CV" model	
End of Charge Current Limit	0,5	A		advised	
Discharge Voltage Limit	17	V	+/- 1	drive system should shutdown at this Voltage	
Nominal Discharge Current	80	A			
Peak Discharge Current	120	A		@ T =25°C / 10 sec	
Fast Charging	Yes				
Parallel Switching	Yes (MPC)			max 26 P	
Serie Switching (High Voltage)	No				
Certification	UN 38.3; IEC62133			for at least one Cell type	
Functional Safety Compliance	IEC61508 - SIL 2			design suitable for Certification	
Light Electric Vehicle Compliance*	EN50604-1			design suitable for Certification	
Compatibility with North America	ANSI/CAN/UL/ULC 2271			design suitable for Certification	
Ingress Protection level	IP65				
Dimensions	429 x 266 x 78	mm.			
Weight	12	Kg.			

\*\* MPC = Multi Pack Configuration  
Paralles Switching options:

**PARALLEL  
DIS-/CHARGING**



**Safety**  
By Redundancy

**Benefit**  
Higher Currents or  
Longer Cycle Life

**Application**  
Fixed

Hot Swap  
Cycle Intelligent  
Charging

**SEQUENTIAL  
DIS-/CHARGING**



**Safety**  
By Redundancy

**Benefit**  
Less Packs Needed  
Less Chargers Needed

**Application**  
Portable

Hot Swap  
Cycle Intelligent  
Charging

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