

# P2P

24V

General Electric Specification : 24V Basic Module P2P					
	HD	UHD			
Battery Capacity @ 1 A Discharge	74	88	Ah	+ 1 / - 2	@ 0 cycles
Battery Capacity @ 10 A Discharge	70	83	Ah	+ 1 / - 2	@ 0 cycles
Minimal Cycle Life (standard setting)	1000	500	#	full cycles	min. 70% rated capacity
Minimal Cycle Life (long life setting)	2000	1000	#	full cycles	min. 70% rated capacity
Nominal Voltage	25,2	25,2	V		
Charge Voltage Limit	29,4	29,4	V	+ 0.0 / - 0.28	not for long life settings
Nominal Charge Current	10	10	A		recommended : "CC" and "CV" model
End of Charge Current Limit	0,5	0,5	A		advised
Discharge Voltage Limit	20	20	V	+/- 1	drive system should shutdown at this Voltage
Nominal Discharge Current	50	50	A		
Peak Discharge Current	120	120	A		@ T =25°C / 10 sec
Fast Charging	No				
Parallel Switching	Yes (MPC)				max 16 P
Serie Switching (High Voltage)	No				
Certification	UN 38.3; IEC62133				for at least one Cell type
Functional Safety Compliance	IEC61508 - SIL 2				Certified for at least one cell type
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	IP44/IP65				IP44 closed Cap; IP65 mated Connector
Dimensions	429 x 266 x 78		mm.		
Weight	12		Kg.		
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\*\* MPC = Multi Pack Configuration  
Paralles Switching options:

#### PARALLEL DIS-/CHARGING



Hot Swap  
Cycle Intelligent  
Charging

**Safety**  
By Redundancy

**Benefit**  
Higher Currents or  
Longer Cycle Life

**Application**  
Fixed

#### SEQUENTIAL DIS-/CHARGING



Hot Swap  
Cycle Intelligent  
Charging

**Safety**  
By Redundancy

**Benefit**  
Less Packs Needed  
Less Chargers Needed

**Application**  
Portable

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