


# CLP

48V

General Electric Specification : 48V Compact Light Portable Pack CLP				
Battery Capacity @ 1 A Discharge	34,5	Ah	+ 1 / - 2	@ 0 cycles
Battery Capacity @ 10 A Discharge	30	Ah	+ 1 / - 2	@ 0 cycles
Minimal Cycle Life (standard setting)	1000	#	full cycles	min. 70% rated capacity
Minimal Cycle Life (long life setting)	2000	#	full cycles	min. 70% rated capacity
Nominal Voltage	47	V		
Charge Voltage Limit	53	V	+ 0.0 / - 0.28	not for long life settings
Nominal Charge Current	15	A		recommended : "CC" and "CV" model
End of Charge Current Limit	0,5	A		advised
Discharge Voltage Limit	39	V	+/- 1	drive system should shutdown at this Voltage
Nominal Discharge Current	35	A		
Peak Discharge Current	50	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	IP65			blind mating Docking Station
Dimensions	346 x 292 x 83	mm.		excluding Docking Station
Weight	9	Kg.		
				*) Outer Protective Casing required

\*\* 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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