

CLP: 48V Compact Light Portable Pack

General Electric Specification

	UHD	Units	Margin	Comments
Cells Capacity @ 1 A Discharge	40	Ah	+ 1 / - 2	@ 0 cycles
Nominal Capacity @ 10 A Discharge	36	Ah	+ 2 / - 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	54	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	40.8	V	+/- 0.4	Drive system should shutdown at this Voltage
Nominal Discharge Current	30	A		
Peak Discharge Current	60	A		@ T =25°C / 10 sec
Fast Charging	No			
Parallel Switching	Yes (MPC)**			max 26 P
Serie Switching (High Voltage)	No			
Certification	UN 38.3; IEC62133			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
Chemistry	NMC			
Dimensions	346 x 292 x 86	mm.		Excluding Docking Station
Weight	9	kg.		

*) Outer Protective Casing required
 **) Multi Pack Configuration

Parallel Switching Options:

