



The Powerful Advantage

Since 1945

La MARCHE®

ISO 9001:2015 CERTIFIED

DC POWER SYSTEM SERIES

LmPower 90Amp 48VDC



LmPower 90Amp is an AC/DC embedded power system with Excellent performance such as high power efficiency, intelligent battery management, remote management, wide range of AC input voltage, etc. This 90A LmPower systems is configured with three 30A rectifier modules.

Type		E4890
System	Dimension (W×D×H)	17.3 × 13.5 × 3.5" (440×344×88mm)
	Weight	≤28.6lbs (13kg)
	Cooling mode	Natural cooling
	Installation mode	Installed on 19-inch rack or inside the cabinet
	Cabling mode	Front inlet and Front outlet
	Maintenance mode	Front maintenance, support module grade change
	Protection level	IP20
AC Distribution	Input mode	220VAC single phase
	Input capacity	1×63A/2P or terminal
	Output capacity	NA
	Input frequency	45~66Hz, rated value: 50Hz/60Hz
SPD	20kA/40kA, 8/20μs	
DC Distribution	Output voltage	-42~-58VDC, rated value: -53.5VDC
	Maximum capacity	5400W
	Battery breakers	2×30A/1P
	Load fuses	10×10A
	SPD	10kA/20kA, 8/20μs (Optional)
Rectifier	Input voltage	85VAC ~ 300VAC, rated 220VAC
	Efficiency	>96% Peak, R482000E >92%
	Rated power	2000W (176~300VAC)
	Working temperature	-40°F +185°F (-40°C+85°C) (full load @ 131°F (55°C)), R482000E -40°F~+176°F (-40°C+80°C) (full load 122°F (50°C))
	Dimension (W × D × H)	2.8 × 10.9 × 1.7in (70.3 × 278 × 42.5mm)
	Weight	≤2.6lbs (1.2kg)
	Cooling mode	Forced cooling
	Power factor	≥0.99
THD	≤5%	
Controller	Signal input	1 Battery temp., 1 ambient temp, 1 smoke, 1 gate, 2common DI
	Alarm output	4 dry contact
	Communication port	SNMP (Optional)
	Display mode	LCD
Environment	Operating temperature	-40°F+158°F (-40°C~+70°C)
	Storage temperature	-40°F+158°F (-40°C~+70°C)
	Operating humidity	5%~95% (non-condensing)
	Altitude	0~6561.7ft (0~2000m)

*When the rectifier is hot-swapped, the insertion time should be greater than 2 seconds, so that the output electrolytic capacitor can be fully charged, thereby avoiding ignition between

Specifications subject to change without notice

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