



Outpost™ Batteries

Designed for deep cycle, extreme temperature applications



Overview

The Outpost™ batteries are designed for deep cycle, extreme temperature applications. They have been field tested and used for years in the traffic and ITS market as well as the US military. Operational from -40°C to +74°C (-40°F to +165°F). Available in 41, 51 & 105 Ampere-Hour (AH) ratings. Outpost batteries are sealed lead acid batteries built using an advanced absorbed glass mat (AGM) construction with microporous spun glass separators. The result is a highly

reliable, non-spillable, maintenance-free battery usable in the most demanding applications. The casing is a copolymer polypropylene technology originally developed for military jet fighter applications where wide temperature range performance is demanded. Positive plates—special lead calcium. Includes models: OP72C-41, OP96C-41, OP72D-51, OP96D-51, OPB-1241, OPB-1251, OPB-12105.

Configurations

Model	Voltage (nominal)	AH Capacity (20 hr rate)	System Voltage	Estimated Runtime (hrs) at 25°C (77°F) Full Charge							Weight per Battery lb (kg)	Overall Dimensions		
				300 W	500 W	700 W	875 W	1000 W	1200 W	1400 W		Length in (mm)	Width in (mm)	Height in (mm)
OP48C (4 batteries)	12 VDC	41 Ah	48 VDC	4.3	2.5	1.5	1.1				29 (13.2)	7.71 (195.9)	4.96 (126)	8.05 (204.4)
OP72C (6 Batteries)			72 VDC	6.4	3.5	2.4	1.7							
OP96C (8 batteries)			96 VDC	8.8	5.2	3.5	2.8	2.5	1.9	1.6				
OP48D (4 batteries)	12 VDC	51 Ah	48 VDC	5	3.2	1.9	1.4				35 (15.9)	8.81 (224)	5.25 (133)	8.82 (224)
OP72D (6 batteries)			72 VDC	8.3	4.4	3	2.2							
OP96D (8 batteries)			96 VDC	11	6.5	4.4	3.5	3.2	2.4	2				
OP48E (4 batteries)	12 VDC	105 Ah	48 VDC	12	7.3	4.6	3.5				64 (29)	12.86 (326.8)	6.58 (167.2)	8.79 (223.1)
OP72E (6 batteries)			72 VDC	20.2	10.4	7.2	5.9							
OP96E (8 batteries)			96 VDC	26	17	10.8	8.5	7.6	5.9	5.4				