

ODYSSEY® PERFORMANCE SERIES™ BATTERIES

ODYSSEY® EXTREME SERIES™ BATTERIES

ODYSSEY® BATTERY



THE GUTS TO BE DIFFERENT.

www.odysseybattery.com



You've got what it takes to push yourself further. To drive harder. To endure the knocks and stay out longer. For all of you driven to such extremes, EnerSys® builds the **ODYSSEY® battery**.

2X
POWER
+
3X
THE LIFE
OF
CONVENTIONAL
BATTERIES

The first to feature advanced Thin Plate Pure Lead (TPPL) technology, ODYSSEY batteries deliver twice the power and triple the life of any conventional lead acid battery. It's the pure materials inside the ODYSSEY battery that make this kind of performance possible.

It's the one battery built with...

PURE™
GUTS

Uncover the difference ►



ODYSSEY

AGM

NON-SPILLABLE DESIGN

CCA - 850 • Reserve Capacity - 135 minutes

Extreme
SERIES™

34-PC

EnerSys

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Engineered to run stronger and longer than any

MASSIVE STARTING POWER

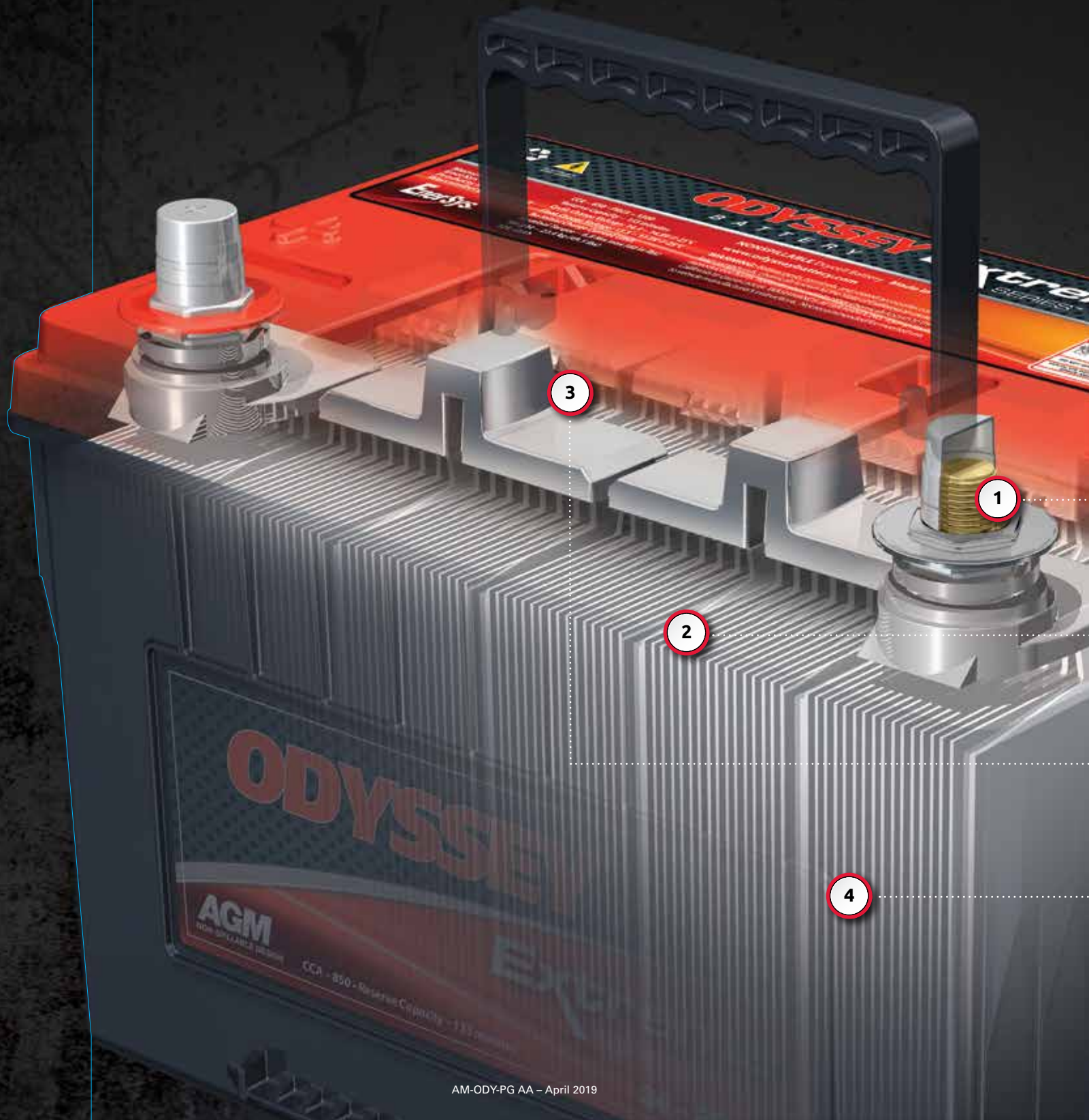
Engine cranking pulses up to 2700 amps for five seconds.

LONGER LIFE

8 to 12-year design life and 3 to 10-year service life.

EXTENDED CYCLE LIFE

400 charge-discharge cycles at 80% depth of discharge.



conventional battery

EXTREME TEMPERATURE TOLERANCE

-40°F (-40°C) to 140°F (60°C) for models without a metal jacket, and from -40°F (-40°C) to 176°F (80°C) for models with a metal jacket.

VIBRATION RESISTANT

Extreme protection against high-impact shocks and vibration.

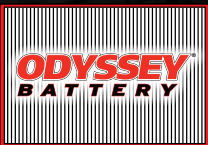
VIRTUALLY MAINTENANCE-FREE

Sealed, Absorbed Glass Mat (AGM) design never requires watering.

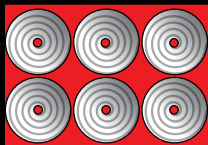
ODYSSEY® batteries vs. spiral wound designs

An ODYSSEY® battery's densely packed plates eliminate the dead space in "six-pack" AGM designs for more power.

ODYSSEY® batteries



Spiral-wound design



■ Unused battery space

- 1

Tin Alloy Coated Brass Terminals

ensure secure, corrosion-free cable connections

(For ODYSSEY® Extreme Series™ batteries only; ODYSSEY Performance Series™ batteries have lead coated terminals)
- 2

99.99% Pure Lead Plates

are extremely thin, so more of them fit in the battery. More plates = more power
- 3

Robust Intercell Connections

are cast to the plates and bonded to resist vibration and eliminate internal sparking
- 4

Compressed AGM Plate Separators

deliver extreme vibration resistance and prevent spills, even when battery is installed sideways

Go further with the ODYSSEY® battery

ODYSSEY® Performance Series™ and ODYSSEY Extreme Series™ batteries can handle a range of applications and performance demands. Wherever the daily grind takes you, the ODYSSEY battery has the power and endurance to get you through.



Go ahead and plug in the phones and tablets – you'll still have massive, reliable starting power for up to 3X longer than conventional batteries.



Get off-road and make sure you get back with the battery that features military-inspired design and rugged construction.



Non-spillable AGM design means the ODYSSEY battery will roll with the curves, while extreme shock and vibration resistance will cushion any blow.





Get out there with big starting power. Stay out there and troll longer with deep cycling power, even as you run accessories and equipment.



Massive deep cycle reserve power keeps the on-board electronics up, while trouble-free cranking power helps keep vehicles on the road.



Obey the no idling laws but keep your on-board accessories running, even if the engine isn't! The ODYSSEY battery will still deliver reliable starts for the long haul.



ODYSSEY® Battery Portable Chargers

Designed for professional shop users or enthusiasts doing a charger-to-battery match up, these professional-grade portable chargers fully and safely charge ODYSSEY® batteries and other quality brands of 12-volt Absorbed Glass Mat (AGM) and flooded lead acid batteries.



www.odysseybattery.com

ODYSSEY® Performance Series™ Batteries

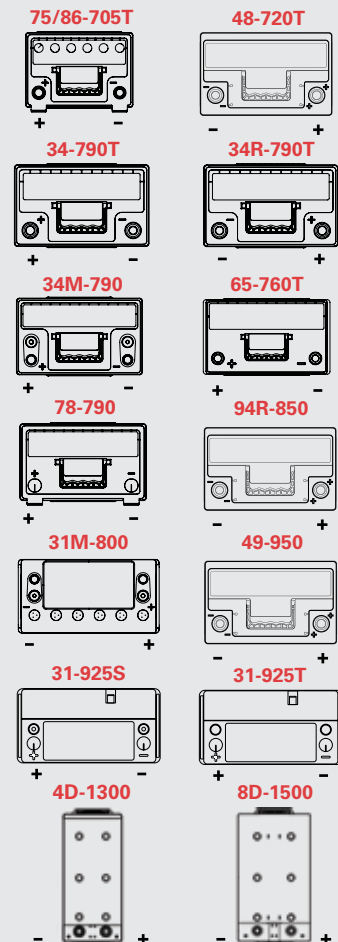


Model	Voltage	PHCA** (5 sec)	CCA*	Nominal Capacity		Reserve Capacity Minutes	Nominal Dimensions				Terminal	Torque Specs in-lbs (Nm max)	Typical Applications	Accessories Hold Down Kit
				(20 Hr Rate-Ah)	(10 Hr Rate-Ah)		Length in (mm)	Width in (mm)	Height in (mm) Terminal Included	Weight lbs (kg)				
75/86-705	12	1100	708	49	45	89	9.46 (240.3)	7.01 (178.1)	7.98 (202.7)	43.4 (19.7)	SAE, Side 3/8-16" Receptacle	60 (6.8) side only		
48-720	12	1250	723	69	63	130	10.91 (277.1)	6.89 (174.2)	7.5 (190.5)	48 (21.8)	SAE	60 (6.8)		
34-790 ^(H2)	12	1500	792	61	57	124	10.85 (275.6)	6.78 (172.2)	7.91 (200.9)	46.6 (21.1)	SAE	60 (6.8)		✓
34R-790 ^(H2)	12	1500	792	61	57	124	10.85 (275.6)	6.78 (172.2)	7.91 (200.9)	46.6 (21.1)	SAE	60 (6.8)		✓
34M-790 ^(H1)	12	1500	792	61	57	124	10.85 (275.6)	6.78 (172.2)	7.93 (201.4)	47.6 (21.6)	SAE and 3/8-16" Stud (Pos.), 5/16-18" Stud (Neg.)	60 (6.8) studs only		
65-760	12	1500	762	64	59	129	11.86 (301.2)	7.19 (182.6)	7.38 (187.5)	49.8 (22.6)	SAE	60 (6.8)		✓
78-790	12	1500	792	61	57	124	10.85 (275.6)	7.00 (177.8)	7.4 (188.0)	47.1 (21.4)	Side 3/8-16" Receptacle	60 (6.8)		
94R-850	12	1500	850	80	76	150	12.36 (313.9)	6.85 (174.0)	7.47 (189.7)	54.8 (24.9)	SAE	60 (6.8)		
31M-800	12	1600	800	99	94	188	13.0 (330.2)	6.79 (172.5)	9.46 (240.3)	69.3 (31.4)	SAE and 3/8-16" Stud (Pos.), 5/16-18" Stud (Neg.)	60 (6.8) studs only		✓
49-950	12	1700	950	94	85	160	13.87 (352.3)	6.85 (174.0)	7.47 (189.7)	62.8 (28.5)	SAE	60 (6.8)		
31-925	12	1750	925	100	94	200	13.0 (330.2)	6.78 (172.2)	9.60 (243.8)	69.5 (31.5)	SAE or 3/8-16" Stud	200 (22.6)		✓
4D-1300	12	2400	1300	170	153	370	20.39 (518.0)	8.78 (223.0)	8.58 (218.0)	117.3 (53.3)	SAE	60 (6.8)		
8D-1500	12	2700	1500	220	198	475	20.39 (518.0)	10.87 (276.0)	8.86 (225.0)	143.0 (65.0)	SAE	60 (6.8)		

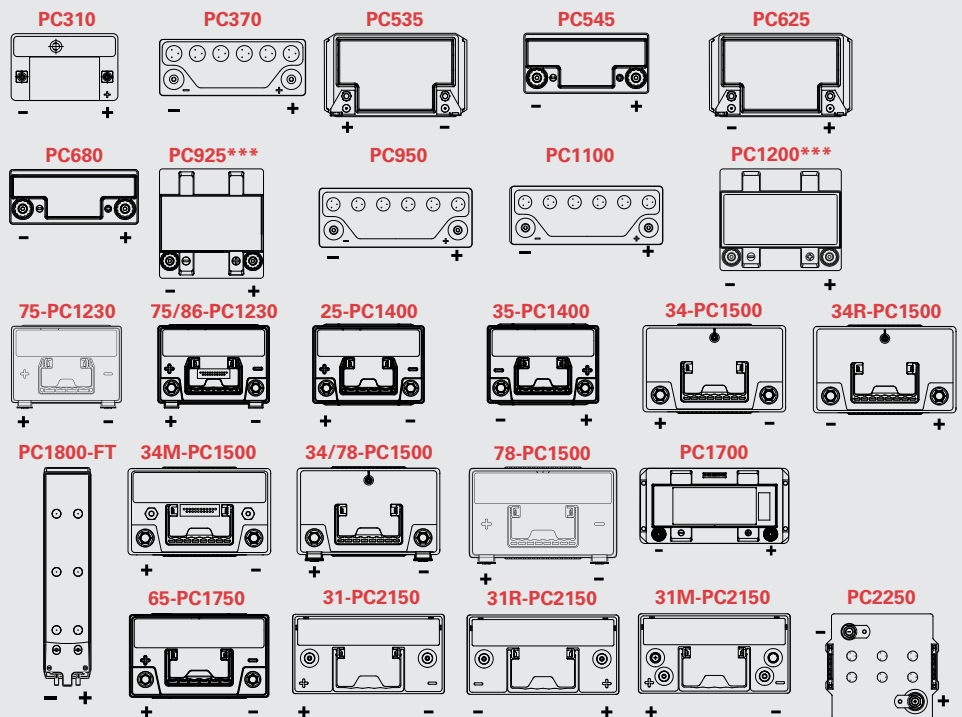
*Cold Start Performance S.A.E. J537 June 82 ** Pulse Current ^{H1} Height spacer included ^{H2} Height spacer available

Terminal Layouts

Performance Series™ Batteries



Extreme Series™ Batteries



Drawing sizes are for terminal position reference only; diagrams are not proportionate to each other. T = SAE post S = Stud post ***Optional Reversed Polarity (L)
AM-ODY-PG AA – April 2019

ODYSSEY® Extreme Series™ Batteries



Model	Voltage	PHCA** (5 sec)	CCA*	Nominal Capacity		Reserve Capacity Minutes	Nominal Dimensions				Terminal	Torque Specs in-lbs (Nm max)	Typical Applications	Accessories	
				(20 Hr Rate-Ah)	(10 Hr Rate-Ah)		Length in (mm)	Width in (mm)	Height in (mm) Terminal Included	Weight lbs (kg)				Metal Jacket	Hold Down Kit
PC310	12	310	100	8	7	9	5.43 (138.0)	3.39 (86.0)	3.90 (99.0)	5.9 (2.7)	M4 Receptacle	8.9 (1.0)			
PC370	12	425	200	15	14	25	7.9 (200.0)	3.0 (77.0)	5.5 (140.0)	12.5 (5.7)	M6 Stud	35 (3.9)			
PC535	12	535	200	14	13	21	6.70 (170.2)	3.90 (99.1)	6.24 (158.5)	12.0 (5.4)	M6 Receptacle	40 (4.5)			
PC545	12	460	150	13	12	18	7.01 (178.1)	3.38 (85.9)	5.12 (130.0)	11.4 (5.2)	M6 Receptacle	50 (5.6)		✓	
PC625	12	540	220	18	17	26	6.70 (170.2)	3.90 (99.1)	6.95 (176.5)	13.2 (6.0)	M6 Receptacle	40 (4.5)			
PC680	12	520	170	16	16	24	7.27 (184.7)	3.11 (79.0)	6.62 (168.1)	15.4 (7.0)	M6 Receptacle† or SAE 3/8-16" Receptacle	50 (5.6)		✓	✓
PC925 ***	12	900	330	28	27	48	6.64 (168.6)	7.05 (179.0)	5.00 (127.0)	23.8 (10.8)	M6 Receptacle† or SAE 3/8-16" Receptacle	60 (6.8)		✓	✓
PC950	12	950	400	34	32	60	9.8 (250.0)	3.8 (97.0)	6.1 (156.0)	20.0 (9.0)	M6 Stud	35 (3.9)			
PC1100	12	1100	500	45	43	87	9.8 (250.0)	3.8 (97.0)	8.1 (206.0)	27.5 (12.5)	M6 Stud	35 (3.9)			
PC1200 ***	12	1200	540	42	40	78	7.87 (199.9)	6.66 (169.1)	6.75 (171.5)	38.2 (17.4)	M6 Receptacle† or SAE 3/8-16" Receptacle	60 (6.8)		✓	✓
75-PC1230	12	1230	760	55	50	110	9.47 (240.5)	7.08 (179.8)	7.44 (189.0)	45.5 (20.6)	SIDE 3/8" Receptacle	60 (6.8)			
75/86-PC1230	12	1230	760	55	50	110	9.47 (240.5)	7.08 (179.8)	7.98 (202.7)	45.5 (20.6)	TOP SAE SIDE 3/8-16" Receptacle	60 (6.8) side terminal only			
25-PC1400	12	1400	850	65	55	130	9.47 (240.5)	6.85 (174.0)	8.75 (222.3)	50.0 (22.7)	SAE	N/A			
35-PC1400	12	1400	850	65	55	130	9.47 (240.5)	6.85 (174.0)	8.75 (222.3)	50.0 (22.7)	SAE	N/A			
34-PC1500 ^(H2)	12	1500	850	68	62	135	10.86 (275.8)	6.77 (172.0)	7.88 (200.2)	49.5 (22.4)	SAE	N/A			✓
34R-PC1500 ^(H2)	12	1500	850	68	62	135	10.86 (275.8)	6.77 (172.0)	7.88 (200.2)	49.5 (22.4)	SAE	N/A			✓
34M-PC1500 ^(H1)	12	1500	850	68	62	135	10.86 (275.8)	6.77 (172.0)	7.95 (201.9)	49.5 (22.4)	SAE and 3/8-16" Stud (Pos.), 5/16-18" Stud (Neg.)	60 (6.8) stud only			✓
34/78-PC1500	12	1500	850	68	62	135	10.86 (275.8)	7.08 (179.8)	7.88 (200.1)	49.5 (22.4)	TOP SAE SIDE 3/8-16" Receptacle	60 (6.8) side terminal only			
78-PC1500	12	1500	850	68	62	135	10.86 (275.8)	7.08 (179.8)	7.34 (186.4)	49.5 (22.4)	SIDE 3/8-16" Receptacle	60 (6.8)			
PC1700	12	1550	810	68	65	142	13.03 (331.0)	6.63 (168.4)	7.78 (197.6)	60.9 (27.6)	M6 Receptacle† or SAE 3/8-16" Receptacle	60 (6.8)		✓	✓
65-PC1750	12	1750	950	74	65	145	11.84 (300.7)	7.19 (182.6)	7.49 (190.2)	58.0 (26.3)	SAE	N/A			✓
PC1800-FT	12	1800	1300	214	190	475	22.87 (581.0)	4.92 (125.0)	12.46 (316.5)	132.3 (60.0)	3/8" Stud	80 (9.0)			
31-PC2150	12	2150	1150	100	92	205	13.07 (332.0)	6.91 (175.5)	9.59 (243.6)	77.8 (35.3)	3/8-16" Stud or SAE†	200 (22.6) max stud only		✓	✓
31R-PC2150	12	2150	1150	100	92	205	13.07 (332.0)	6.91 (175.5)	9.59 (243.6)	77.8 (35.3)	3/8-16" Stud	200 (22.6) max stud only		✓	✓
31M-PC2150	12	2150	1150	100	92	205	13.00 (330.2)	6.80 (172.7)	9.39 (238.5)	77.8 (35.3)	SAE and 3/8-16" Stud (Pos.), 5/16-18" Stud (Neg.)	200 (22.6) max stud only			✓
PC2250	12	2250	1225	126	114	240	11.26 (286.0)	10.59 (269.0)	9.17 (233.0)	86.0 (39.0)	SAE Terminal and 3/8-16" Stud	100 (11.0) For 3/8-16" stud only			

*Cold Start Performance S.A.E J537 JUNE 82

**Pulse Current

***Optional Reversed Polarity (L) available

† Can be fitted with brass automotive terminal (Add approximately .88" to overall height)

Optional metal jackets available on PC545, PC680, PC925, PC1200, PC1700 and 31-PC2150

Operating Temperature Range = PC310 and PC1800-FT: -40°F (-40°C) to 122°F (50°C), PC370, PC950 and PC1100: -40°F (-40°C) to 122°F (50°C), PC535 and PC625: -40°F (-40°C) to 113°F (45°C), PC545, PC680, PC925, PC1200 and PC1700 without metal jacket: -40°F (-40°C) to 113°F (45°C), PC545, PC680, PC925, PC1200 and PC1700 with metal jacket: -40°F (-40°C) to 176°F (80°C), PC1220 and PC2250: -40°F (-40°C) to 104°F (40°C), All other models: -40°F (-40°C) to 176°F (80°C)

^{H1} Height spacer included

^{H2} Height spacer available



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