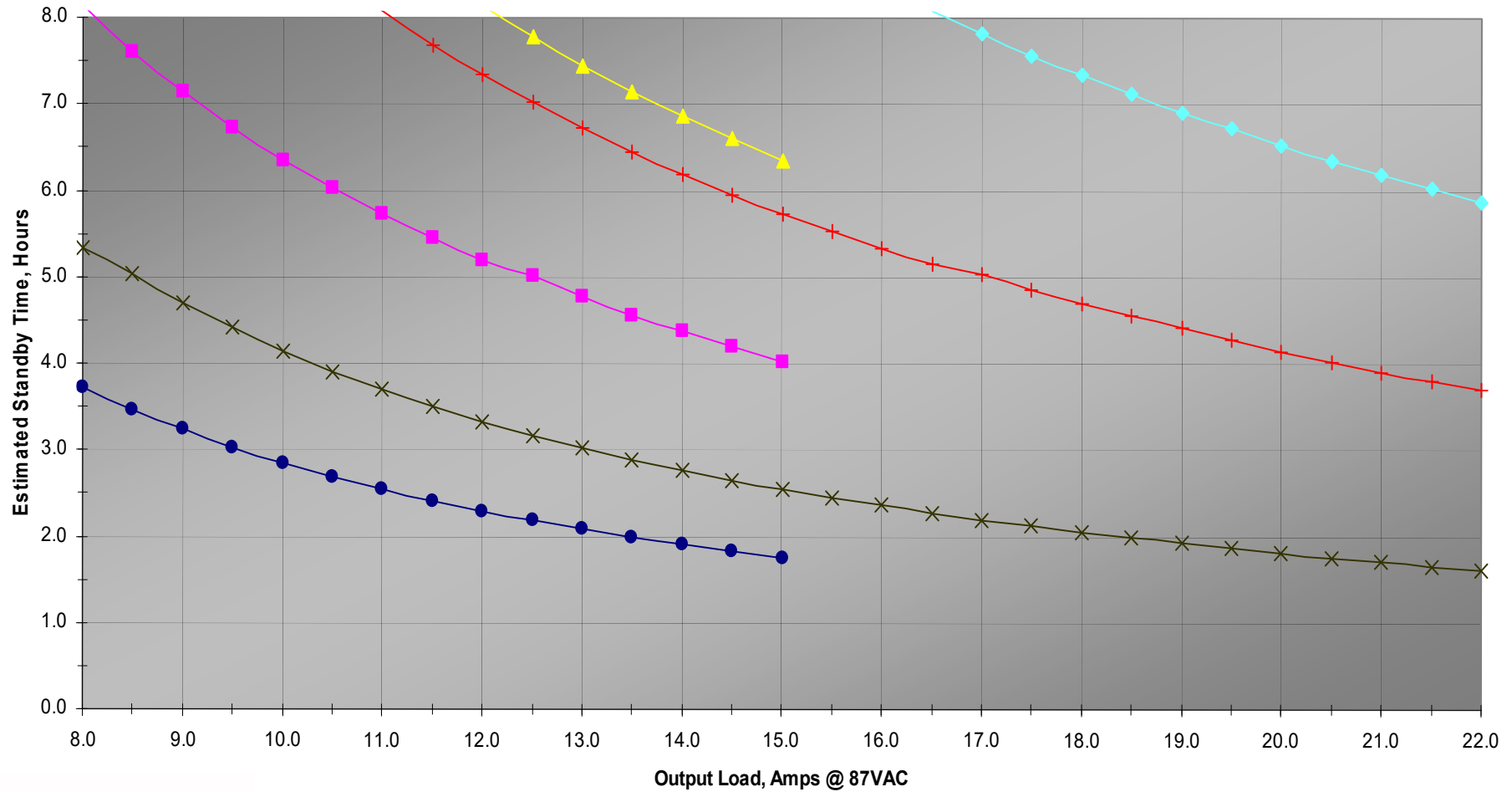


# Standby Run Times

Estimated Standby Runtime for TSP Power Supplies Using CTB31GEL Batteries @ 25C



—x— 48V, 1 String —+— 48V, 2 Strings —◆— 48V, 3 Strings —●— 36V, 1 String —■— 36V, 2 Strings —▲— 36V, 3 Strings



## MYERS BATTERY ADVANCED GEL \* VERSES ALPHACELL PERFORMANCE COMPARISON

Model:	Myers CTB31GEL	AlphaCell 210GXL	AlphaCell 180GXL	Myers CTB27GEL	AlphaCell 165GLX
Battery Type:	Advanced Gel	Silver Alloy	Silver Alloy	Advanced Gel	Silver Alloy
Battery Voltage:	12	12	12	12	12
Short Circuit Current:	4182 amps	2800 amps	2600 amps	3366 amps	2500 amps
Capacity at 20 Hrs to 1.75 VPC:	110 Ah	106.8	94 Ah	91 Ah	86 Ah
BCI Group:	31	31	31	27	27
Weight (lbs / kg):	82.0 / 37.2	72/32.7	66.0 / 30.0	72.0 / 32.7	63.0 / 28.6
Height w/ terminals (in / mm):	8.69 / 221	9.48 / 240.8	9.48 / 240.8	8.33 / 212	9.05 / 229.8
Length (in / mm):	13.5 / 343	13.42 / 340.9	13.42 / 340.9	13.0 / 330	12.51 / 317.8
Width (in / mm):	6.76 / 172	6.80 / 172.7	6.80 / 172.7	6.57 / 167	6.83 / 173.4
Terminals:	1/4" Threaded Copper Insert	L-type w/ .28" Hole	L-type w/ .28" Hole	1/4" Threaded Copper Insert	L-type w/ .28" Hole
Operating Temp Range (°C)					
Discharge:	-40° to + 71°	-40° to + 71°	-40° to + 71°	-40° to + 71°	-40° to + 71°
Charge w temp compensation:	-23° to + 60°	-23° to + 60°	-23° to + 60°	-23° to + 60°	-23° to + 60°
Float Charging Voltage (VPC):	2.27 - 2.30	2.25 - 2.30	2.25 - 2.30	2.27 - 2.30	2.25 - 2.30
Warranty:	5 yr full replace	5-yr pro-rated	5-yr pro-rated	5 yr full replace	5-yr pro-rated

### CURRENT DISCHARGE RATINGS in Amps (1.75 end Voltage)

Battery	Hours - 2	3	4	6	8	10	20	48
AlphaCell 210GXL	39.6	28.5	22.4	15.8	12.3	10	5.34	--
Myers CTB31GEL	37.60	27.40	21.40	15.00	11.60	9.50	5.30	2.49
AlphaCell 180GXL	35.20	25.20	19.70	13.90	10.80	8.90	4.70	2.10
Myers CTB27GEL	32.20	23.40	18.40	12.90	10.00	8.10	4.40	1.98
AlphaCell 165GXL	32.80	23.50	18.40	12.90	10.00	8.20	4.30	1.90

#### Myers EPS Advance Gel Battery Technology Benefits:

1. Reduced acid stratification for extended battery cycle life
2. Improved oxygen recombination efficiency for better water conservation
3. Gelled electrolyte improves battery thermal properties allowing operation in severe climates
4. Gelled electrolyte enhances amp hour capacity of battery while providing consistency of operation

\* Patent Pending