

PURE Pb⁺

PURE LEAD PLUS
The Smart Choice to Back you Up.

C&D
TECHNOLOGIES

PLP

12-1121



BENEFITS



Reduce Operating Costs - Long life pure lead technology reduces battery replacements by up to 40% over traditional VRLA batteries*



Reduce Footprint - Extensive portfolio to reduce footprint by up to 28% and battery quantity by up to 40% vs leading competitors



Increased Reliability - Designed specifically for safely handling sub-5 minutes of runtime without sacrificing long-term performance



Reduce Cooling Costs - Save on cooling costs and improve your environmental footprint with improved temperature on standard warranty

*Assumes a replacement cycle based on standard warranty of 3 years for VRLA and 5 years for PLP over a 15-year UPS life

FEATURES

- 12+ year design life @ 25°C (77°F) with storage capability of 2 years at 25°C (77°F) with minimum upkeep
- Standard warranty of 5 years at 30°C (86 F)
- MSE's Advanced proprietary paste processing for high active material utilization resulting in low float
- Patented Long-Life Alloy in the grids to minimize grid growth, reduce gassing, and extend battery life
- Available in both Top terminal and TFA (True Front Access) formats
- Our TFA design maximizes energy density and minimizes internal resistance by providing a direct connection from the plates to the terminals
- Published rates down to 1 minute
- Patented UL Recognized Flame-arresting vents in each cell for safety
- Thermally welded and helium leak tested case-to-cover bond ensures a robust leak proof seal
- Can be operated in any orientation

CERTIFICATIONS & COMPLIANCES

TAA Compliant

Complies with UL1778, 924, 1989 AND 94 V-2, BS6290-4, IEC-896-2

TECHNICAL DATA

| MODEL | CONSTANT CURRENT | | | CONSTANT POWER RATINGS | | DIMENSIONS (L*W*H*TOTAL HEIGHT) | | | | | | | | WEIGHT | |
|----------------|---------------------|----------------------|----------------------|------------------------|-----------|---------------------------------|--------|-------|--------|--------|--------|--------------|--------|--------|-------|
| | C8 1.75 @25°C | C20 1.75 @25°C | C10 1.80 @20°C | 5 MIN | 15 MIN | LENGTH | | WIDTH | | HEIGHT | | TOTAL HEIGHT | | LBS | KG |
| | | | | | | MM | Inches | MM | Inches | MM | Inches | MM | Inches | | |
| UPS12-105PLP | 24 | 26 | 23 | 172 | 90.9 | 166.2 | 6.54 | 131.3 | 5.17 | 161.7 | 6.37 | 174.3 | 6.86 | 21 | 10 |
| UPS12-155PLP | 32 | 34.6 | 30 | 290 | 148 | 197.1 | 7.76 | 131.9 | 5.19 | 165.7 | 6.52 | 172.7 | 6.80 | 27.3 | 12.4 |
| UPS12-305PLP | 74 | 78 | 69 | 571 | 315 | 260.9 | 10.3 | 173.4 | 6.8 | 200.3 | 7.9 | 203.5 | 8.0 | 58.4 | 26.5 |
| UPS12-355PLP | 88 | 94 | 83 | 685 | 366 | 305.8 | 12.0 | 173.4 | 6.8 | 201.6 | 7.9 | 204.8 | 8.1 | 67.4 | 30.5 |
| UPS12-405PLP | 95 | 104 | 90 | 710 | 402 | 340.9 | 13.4 | 172.7 | 6.8 | 213.2 | 8.4 | 216.4 | 8.5 | 75.8 | 34.4 |
| UPS12-495PLP | 130 | 140 | 123 | 813 | 492 | 344.7 | 13.6 | 172.7 | 6.8 | 274.5 | 10.8 | 277.7 | 10.9 | 100.0 | 45.4 |
| UPS12-545PLP | 137 | 146 | 128 | 920 | 542 | 344.7 | 13.6 | 172.7 | 6.8 | 274.5 | 10.8 | 277.7 | 10.9 | 100.0 | 45.4 |
| UPS12-605PLP | 139 | 148 | 132 | 969 | 603 | 344.7 | 13.6 | 172.7 | 6.8 | 274.5 | 10.8 | 277.7 | 10.9 | 109.0 | 49.4 |
| UPS6-625PLP | 175.2 | 199 | 167 | 938 | 620 | 320.8 | 12.63 | 177 | 6.97 | 224 | 8.82 | 277.7 | 10.93 | 72 | 33 |
| UPS12-675PLPF | 172 | 179 | 163 | 1100 | 671 | 559.0 | 22.0 | 125.0 | 4.9 | 278.7 | 11.0 | 278.7 | 11.0 | 124.6 | 56.50 |
| UPS12-705PLPF | 191 | 206 | 181 | 1166 | 707 | 559.0 | 22.0 | 125.0 | 4.9 | 320.0 | 12.6 | 320.0 | 12.6 | 149.0 | 67.5 |
| UPS12-1005PLPF | 238 | 254 | 227 | 1600 | 1010 | 559.0 | 22.0 | 154.0 | 6.1 | 320.0 | 12.6 | 320.0 | 12.6 | 188.0 | 85.3 |

ADDITIONAL DATA

| MODEL | VOLTAGE | TERMINAL | CELLS PER UNIT | MAXIMUM DISCHARGE CURRENT (AMPS) | SHORT CIRCUIT CURRENT (AMPS @ 0.1 SEC) | TERMINAL TYPE | TERMINAL TORQUE |
|----------------|---------|----------|----------------|----------------------------------|--|---------------|-------------------------|
| UPS12-105PLP | 12 | Top | 6 | 600 | 1750 | 10-32 UNF | 40 in.-lbs (4.5 N-m) |
| UPS12-155PLP | 12 | Top | 6 | 600 | 2500 | 10-32 UNF | 40 in.-lbs (4.5 N-m) |
| UPS12-305PLP | 12 | Top | 6 | 800 | 3600 | 1/4-20 UNC | 110 in.-lbs. (12.4 N-m) |
| UPS12-355PLP | 12 | Top | 6 | 800 | 4200 | 1/4-20 UNC | 110 in.-lbs. (12.4 N-m) |
| UPS12-405PLP | 12 | Top | 6 | 800 | 4700 | 1/4-20 UNC | 110 in.-lbs. (12.4 N-m) |
| UPS12-495PLP | 12 | Top | 6 | 800 | 5000 | 1/4-20 UNC | 110 in.-lbs. (12.4 N-m) |
| UPS12-545PLP | 12 | Top | 6 | 800 | 5000 | 1/4-20 UNC | 110 in.-lbs. (12.4 N-m) |
| UPS12-605PLP | 12 | Top | 6 | 800 | 5000 | 1/4-20 UNC | 110 in.-lbs. (12.4 N-m) |
| UPS6-625PLP | 6 | Top | 3 | 800 | 4350 | 1/4-20 UNC | 110 in.-lbs (12.4 N-m) |
| UPS12-675PLPF | 12 | Front | 6 | 800 | 5100 | 1/4-20 UNC | 110 in.-lbs. (12.4 N-m) |
| UPS12-705PLPF | 12 | Front | 6 | 900 | 5500 | 1/4-20 UNC | 110 in.-lbs. (12.4 N-m) |
| UPS12-1005PLPF | 12 | Front | 6 | 1200 | 6048 | Insert (M8) | 160 in.-lbs (18 N-m) |

Note: Additional product details available on the C&D Battery Sizing Program at www.cdstandbypower.net. Cabinet systems also available.

* Constant power ratings are to 1.67 VPC @ 77°F (25°C) and capacity rated to 1.75 VPC @ 77°F (25°C). Above ratings do not include interunit connector voltage drops.

** For reference only. Individual baselines recommended for diagnostic purposes.

SPECIFICATIONS

| | |
|--|--|
| OPERATING TEMPERATURE RANGE WITH TEMPERATURE COMPENSATION | Discharge: -40°F (-40°C) to +140°F (+60°C) Charge: -10°F (-23°C) to +140°F (+60°C) |
| NOMINAL OPERATING TEMPERATURE RANGE | +74°F (+23°C) to +80°F (+27°C) |
| RECOMMENDED MAXIMUM CHARGING CURRENT LIMIT | C20/5 amperes (20 hr. rate) |
| FLOAT CHARGE VOLTAGE | 13.65 ± 0.15 VDC average per 12V unit |
| MAXIMUM AC RIPPLE (CHARGER) | 0.5% RMS or 1.5% P-P of float charge voltage recommended for best results. Max voltage allowed = 1.4% RMS (4% P-P) Max current allowed = C/20 (20 hr. rate) |
| SELF DISCHARGE | Batteries can be stored up to 24 months at +77°F (+25°C) before freshening charge is required. Batteries stored at temperatures greater than +77°F (+25°C) will require recharge sooner than batteries stored at lower temperatures. See C&D brochure 41-7272, Self-Discharge and Inventory Control for details. |
| EQUALIZE AND CYCLE SERVICE CHARGE VOLTAGE | 14.40 to 14.80 VDC average per 12V unit @ +77°F (+25°C) |
| TERMINAL: INSERTED | UPS12-105PLP and UPS12- 155PLP: 10-32 UNF UPS12-305PLP - UPS6-625PLP: 1/4-20 UNC UPS12-675PLPF and UPS12-705PLPF: 1/4-20 UNC UPS12-1005PLPF: Insert (M8) |
| TERMINAL HARDWARE INITIAL TORQUE: INSERTED TERMINAL | UPS12-105PLP and UPS12- 155PLP: 40 in.-lbs (4.5 N-m) UPS12-305PLP - UPS6-625PLP: 110 in.-lbs (12.4 N-m) UPS12-675PLPF and UPS12-705PLPF: 110 in.-lbs (12.4 N-m) UPS12-1005PLPF: 160 in.-lbs (18 N-m) |



UPS12-675PLPF

FRONT TERMINAL



| END POINT VOLTS/CELL | CONSTANT POWER DISCHARGE RATINGS - WATTS PER CELL @ +77F (+25C) | | | | | | | | | | |
|----------------------|---|------|------|------|------|-----|-----|-----|-----|-----|-----|
| | OPERATING TIME TO END POINT VOLTAGE (IN MINUTES) | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 10 | 15 | 20 | 30 | 45 | 60 |
| 1.75 | 1271 | 1189 | 1114 | 1046 | 985 | 761 | 622 | 528 | 409 | 308 | 248 |
| 1.70 | 1373 | 1287 | 1207 | 1134 | 1066 | 813 | 657 | 553 | 423 | 315 | 252 |
| 1.67 | 1504 | 1377 | 1270 | 1178 | 1100 | 831 | 671 | 565 | 431 | 319 | 254 |
| 1.65 | 1547 | 1414 | 1303 | 1207 | 1125 | 844 | 680 | 571 | 434 | 320 | 254 |

| END POINT VOLTS/CELL | CONSTANT CURRENT DISCHARGE RATINGS - AMPS @ +77°F (+25°C) | | | | | | | | | |
|----------------------|---|------|------|------|------|------|------|-----|-----|--|
| | OPERATING TIME TO END POINT VOLTAGE (IN HOURS) | | | | | | | | | |
| | 1 | 2 | 3 | 5 | 8 | 10 | 12 | 20 | 24 | |
| 1.90 | 103.9 | 62.4 | 44.9 | 28.9 | 18.9 | 15.3 | 12.9 | 7.9 | 6.6 | |
| 1.85 | 117.2 | 69.1 | 49.4 | 31.6 | 20.6 | 16.7 | 14.1 | 8.6 | 7.2 | |
| 1.80 | 121.6 | 71.3 | 51.1 | 32.8 | 21.3 | 17.3 | 14.6 | 8.9 | 7.5 | |
| 1.75 | 125.6 | 72.7 | 51.9 | 33.1 | 21.5 | 17.4 | 14.7 | 9.0 | 7.5 | |

UPS12-705PLPF

| END POINT VOLTS/CELL | CONSTANT POWER DISCHARGE RATINGS - WATTS PER CELL @ +77F (+25C) | | | | | | | | | | |
|----------------------|---|------|------|------|------|-----|-----|-----|-----|-----|-----|
| | OPERATING TIME TO END POINT VOLTAGE (IN MINUTES) | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 10 | 15 | 20 | 30 | 45 | 60 |
| 1.75 | | | | | 1074 | 808 | 636 | 550 | 441 | 334 | 274 |
| 1.70 | 1393 | 1393 | 1279 | 1175 | 1140 | 864 | 676 | 576 | 454 | 339 | 276 |
| 1.67 | 1425 | 1425 | 1308 | 1201 | 1166 | 910 | 707 | 589 | 458 | 342 | 277 |
| 1.65 | 1443 | 1443 | 1325 | 1217 | 1181 | 928 | 710 | 596 | 462 | 343 | 278 |

| END POINT VOLTS/CELL | CONSTANT CURRENT DISCHARGE RATINGS - AMPS @ +77°F (+25°C) | | | | | | | | | |
|----------------------|---|------|------|------|------|------|------|------|-----|--|
| | OPERATING TIME TO END POINT VOLTAGE (IN HOURS) | | | | | | | | | |
| | 1 | 2 | 3 | 5 | 8 | 10 | 12 | 20 | 24 | |
| 1.90 | 105.1 | 62.4 | 47.1 | 31.1 | 20.9 | 17.2 | 14.7 | 9.3 | 7.9 | |
| 1.85 | 121.0 | 69.8 | 50.3 | 32.9 | 22.1 | 18.2 | 15.5 | 9.7 | 8.2 | |
| 1.80 | 127.2 | 72.6 | 52.6 | 35.0 | 23.4 | 19.2 | 16.3 | 10.0 | 8.4 | |
| 1.75 | 134.7 | 75.2 | 54.4 | 36.0 | 23.9 | 19.6 | 16.6 | 10.3 | 8.7 | |

UPS12-1005PLPF

| END POINT VOLTS/CELL | CONSTANT POWER DISCHARGE RATINGS - WATTS PER CELL @ +77F (+25C) | | | | | | | | | | |
|----------------------|---|------|------|------|------|------|------|-----|-----|-----|-----|
| | OPERATING TIME TO END POINT VOLTAGE (IN MINUTES) | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 10 | 15 | 20 | 30 | 45 | 60 |
| 1.75 | | | | | 1441 | 1112 | 917 | 771 | 596 | 436 | 349 |
| 1.70 | 1898 | 1898 | 1748 | 1612 | 1553 | 1195 | 993 | 810 | 612 | 446 | 357 |
| 1.67 | 1955 | 1955 | 1801 | 1660 | 1600 | 1230 | 1010 | 832 | 622 | 452 | 361 |
| 1.65 | 1992 | 1992 | 1835 | 1691 | 1630 | 1251 | 1025 | 842 | 629 | 456 | 363 |

| END POINT VOLTS/CELL | CONSTANT CURRENT DISCHARGE RATINGS - AMPS @ +77°F (+25°C) | | | | | | | | | |
|----------------------|---|-------|------|------|------|------|------|------|------|--|
| | OPERATING TIME TO END POINT VOLTAGE (IN HOURS) | | | | | | | | | |
| | 1 | 2 | 3 | 5 | 8 | 10 | 12 | 20 | 24 | |
| 1.90 | 148.5 | 84.7 | 60.6 | 39.1 | 25.6 | 20.9 | 17.8 | 11.1 | 9.4 | |
| 1.85 | 168.0 | 96.1 | 67.9 | 43.2 | 28.1 | 22.9 | 19.4 | 12.0 | 10.2 | |
| 1.80 | 181.1 | 102.0 | 71.3 | 45.0 | 29.3 | 23.9 | 20.2 | 12.5 | 10.6 | |
| 1.75 | 187.5 | 104.1 | 72.1 | 45.4 | 29.7 | 24.3 | 20.6 | 12.7 | 10.7 | |

UPS12-105PLP

TOP TERMINAL



| END POINT VOLTS/CELL | CONSTANT POWER DISCHARGE RATINGS - WATTS PER CELL @ +77°F (+25°C) | | | | | | | | | | |
|----------------------|---|---------|---------|---------|-------|-------|------|------|------|------|------|
| | OPERATING TIME TO END POINT VOLTAGE (IN MINUTES) | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 10 | 15 | 20 | 30 | 45 | 60 |
| 1.75 | 203.1 | 190.6 | 178.8 | 167.6 | 157.1 | 114.2 | 87.5 | 72.1 | 54.9 | 41.5 | 33.7 |
| 1.70 | 229.1 | 212.1 | 196.2 | 181.4 | 167.7 | 115.2 | 89.6 | 74.4 | 56.5 | 42.1 | 33.8 |
| 1.67 | 236.1 | 218.2 | 201.6 | 186.1 | 171.7 | 117 | 90.9 | 75.4 | 57.2 | 42.6 | 34.1 |
| 1.65 | 239.5 | 221.3 | 204.3 | 188.4 | 173.7 | 117.9 | 91.5 | 75.9 | 57.6 | 42.9 | 34.5 |
| 1.60 | 250.112 | 230.248 | 211.708 | 194.492 | 178.6 | 119 | 92.5 | 76.8 | 58.3 | 43.4 | 34.8 |

| END POINT VOLTS/CELL | CONSTANT CURRENT DISCHARGE RATINGS - AMPS @ +77°F (+25°C) | | | | | | | | | |
|----------------------|---|-----|-----|-----|-----|-----|-----|-----|-----|--|
| | OPERATING TIME TO END POINT VOLTAGE (IN HOURS) | | | | | | | | | |
| | 1 | 2 | 3 | 5 | 8 | 10 | 12 | 20 | 24 | |
| 1.90 | 13.8 | 8.3 | 6 | 3.9 | 2.6 | 2.1 | 1.8 | 1.1 | 1 | |
| 1.85 | 15 | 9 | 6.6 | 4.3 | 2.8 | 2.3 | 2 | 1.2 | 1 | |
| 1.80 | 16.1 | 9.4 | 6.8 | 4.5 | 2.9 | 2.4 | 2 | 1.3 | 1.1 | |
| 1.75 | 17 | 9.7 | 7 | 4.5 | 3 | 2.5 | 2.1 | 1.3 | 1.1 | |

UPS12-155PLP

| END POINT VOLTS/CELL | CONSTANT POWER DISCHARGE RATINGS - WATTS PER CELL @ +77°F (+25°C) | | | | | | | | | | |
|----------------------|---|-------|-------|-------|-------|-------|-------|-------|------|------|------|
| | OPERATING TIME TO END POINT VOLTAGE (IN MINUTES) | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 10 | 15 | 20 | 30 | 45 | 60 |
| 1.75 | 494.8 | 428 | 363.2 | 311.2 | 272.9 | 182.1 | 139.9 | 114.8 | 85.7 | 62.7 | 49.7 |
| 1.70 | 525.8 | 454.5 | 383.7 | 326.3 | 284.4 | 188.2 | 143.5 | 117.3 | 87.1 | 63.6 | 50.3 |
| 1.67 | 536.7 | 466.1 | 394.2 | 334.3 | 290.3 | 192.7 | 147 | 120.1 | 88.9 | 64.7 | 51.1 |
| 1.65 | 543.4 | 473.5 | 400.9 | 339.3 | 293.9 | 196.3 | 149.3 | 121.7 | 90 | 65.3 | 51.5 |
| 1.60 | 550.3 | 481.4 | 408.3 | 344.6 | 297.4 | 200 | 151.9 | 123.5 | 91 | 65.9 | 51.9 |

| END POINT VOLTS/CELL | CONSTANT CURRENT DISCHARGE RATINGS - AMPS @ +77°F (+25°C) | | | | | | | | | |
|----------------------|---|------|------|------|------|----|------|----|------|--|
| | OPERATING TIME TO END POINT VOLTAGE (IN HOURS) | | | | | | | | | |
| | 1 | 2 | 3 | 5 | 8 | 10 | 12 | 20 | 24 | |
| 1.90 | 20.6 | 23.8 | 25.2 | 32.5 | 28 | 29 | 30 | 30 | 31.2 | |
| 1.85 | 22.8 | 26 | 27.3 | 28.5 | 30.4 | 31 | 31.2 | 32 | 33.6 | |
| 1.80 | 24.2 | 27.2 | 28.5 | 29.5 | 31.2 | 32 | 32.4 | 34 | 33.6 | |
| 1.75 | 25.4 | 28.2 | 29.4 | 30.5 | 32 | 33 | 33.6 | 34 | 33.6 | |

Note: Specifications subject to change without notification. Above ratings do not include interunit connector voltage drops.



TOP TERMINAL

UPS12-305PLP



| END POINT VOLTS/CELL | CONSTANT POWER DISCHARGE RATINGS - WATTS PER CELL @ +77°F (+25°C) | | | | | | | | | | |
|----------------------|---|------|------|------|-----|-----|-----|-----|-----|-----|-----|
| | OPERATING TIME TO END POINT VOLTAGE (IN MINUTES) | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 10 | 15 | 20 | 30 | 45 | 60 |
| 1.75 | | | | | 516 | 362 | 294 | 235 | 177 | 131 | 103 |
| 1.70 | 869 | 743 | 667 | 593 | 549 | 382 | 307 | 244 | 182 | 133 | 105 |
| 1.67 | 900 | 775 | 696 | 618 | 571 | 394 | 315 | 249 | 186 | 135 | 106 |
| 1.65 | 917 | 794 | 713 | 632 | 584 | 401 | 320 | 252 | 187 | 136 | 107 |
| 1.60 | 953 | 818 | 731 | 645 | 595 | 406 | 324 | 256 | 190 | 138 | 109 |
| END POINT VOLTS/CELL | CONSTANT CURRENT DISCHARGE RATINGS - AMPS @ +77°F (+25°C) | | | | | | | | | | |
| | OPERATING TIME TO END POINT VOLTAGE (IN HOURS) | | | | | | | | | | |
| | 1 | 2 | 3 | 5 | 8 | 10 | 12 | 20 | 24 | | |
| 1.90 | 42.9 | 26.0 | 18.8 | 12.2 | 8.0 | 6.5 | 5.5 | 3.4 | 2.8 | | |
| 1.85 | 49.1 | 28.5 | 20.2 | 12.9 | 8.5 | 6.9 | 5.8 | 3.6 | 3.0 | | |
| 1.80 | 52.1 | 29.5 | 21.0 | 13.6 | 9.0 | 7.3 | 6.2 | 3.8 | 3.2 | | |
| 1.75 | 53.1 | 30.1 | 21.5 | 14.0 | 9.3 | 7.5 | 6.4 | 3.9 | 3.3 | | |

UPS12-355PLP

| END POINT VOLTS/CELL | CONSTANT POWER DISCHARGE RATINGS - WATTS PER CELL @ +77°F (+25°C) | | | | | | | | | | |
|----------------------|---|------|------|------|------|-----|-----|-----|-----|-----|-----|
| | OPERATING TIME TO END POINT VOLTAGE (IN MINUTES) | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 10 | 15 | 20 | 30 | 45 | 60 |
| 1.75 | | | | | 599 | 429 | 340 | 275 | 208 | 152 | 120 |
| 1.70 | 1006 | 873 | 782 | 701 | 659 | 454 | 353 | 283 | 213 | 155 | 122 |
| 1.67 | 1045 | 905 | 811 | 728 | 685 | 472 | 366 | 293 | 218 | 158 | 124 |
| 1.65 | 1074 | 933 | 837 | 751 | 707 | 485 | 375 | 299 | 222 | 160 | 125 |
| 1.60 | 1154 | 967 | 863 | 773 | 726 | 496 | 381 | 304 | 225 | 161 | 126 |
| END POINT VOLTS/CELL | CONSTANT CURRENT DISCHARGE RATINGS - AMPS @ +77°F (+25°C) | | | | | | | | | | |
| | OPERATING TIME TO END POINT VOLTAGE (IN HOURS) | | | | | | | | | | |
| | 1 | 2 | 3 | 5 | 8 | 10 | 12 | 20 | 24 | | |
| 1.90 | 47.5 | 28.5 | 20.4 | 13.0 | 8.4 | 6.8 | 5.8 | 3.5 | 2.9 | | |
| 1.85 | 53.7 | 32.0 | 23.1 | 15.2 | 10.2 | 8.4 | 7.1 | 4.4 | 3.8 | | |
| 1.80 | 59.5 | 34.6 | 24.7 | 16.1 | 10.7 | 8.8 | 7.4 | 4.6 | 3.9 | | |
| 1.75 | 62.8 | 36.5 | 26.1 | 16.8 | 11.0 | 9.0 | 7.6 | 4.7 | 4.0 | | |

Note: Specifications subject to change without notification. Above ratings do not include interunit connector voltage drops.



TOP TERMINAL



UPS12-405PLP

| END POINT VOLTS/CELL | CONSTANT POWER DISCHARGE RATINGS - WATTS PER CELL @ +77°F (+25°C) | | | | | | | | | | |
|----------------------|---|------|------|------|------|-----|-----|-----|-----|-----|-----|
| | OPERATING TIME TO END POINT VOLTAGE (IN MINUTES) | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 10 | 15 | 20 | 30 | 45 | 60 |
| 1.75 | | | | | 624 | 466 | 375 | 314 | 236 | 172 | 135 |
| 1.70 | 1115 | 931 | 824 | 746 | 684 | 495 | 392 | 326 | 244 | 177 | 139 |
| 1.67 | 1159 | 969 | 857 | 775 | 710 | 511 | 402 | 333 | 248 | 179 | 140 |
| 1.65 | 1204 | 1013 | 892 | 803 | 733 | 521 | 408 | 336 | 250 | 181 | 142 |
| 1.60 | 1286 | 1059 | 926 | 830 | 756 | 533 | 416 | 342 | 253 | 183 | 143 |
| END POINT VOLTS/CELL | CONSTANT CURRENT DISCHARGE RATINGS - AMPS @ +77°F (+25°C) | | | | | | | | | | |
| | OPERATING TIME TO END POINT VOLTAGE (IN HOURS) | | | | | | | | | | |
| | 1 | 2 | 3 | 5 | 8 | 10 | 12 | 20 | 24 | | |
| 1.90 | 50.5 | 29.6 | 21.7 | 14.7 | 10.1 | 8.3 | 7.1 | 4.4 | 3.7 | | |
| 1.85 | 57.4 | 34.2 | 24.5 | 16.0 | 10.8 | 8.9 | 7.6 | 4.8 | 4.1 | | |
| 1.80 | 63.2 | 36.9 | 26.2 | 17.1 | 11.5 | 9.4 | 8.0 | 5.1 | 4.3 | | |
| 1.75 | 67.9 | 38.6 | 27.5 | 17.9 | 11.9 | 9.8 | 8.3 | 5.2 | 4.4 | | |

UPS12-495PLP

| END POINT VOLTS/CELL | CONSTANT POWER DISCHARGE RATINGS - WATTS PER CELL @ +77°F (+25°C) | | | | | | | | | | |
|----------------------|---|------|------|------|------|------|------|-----|-----|-----|-----|
| | OPERATING TIME TO END POINT VOLTAGE (IN MINUTES) | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 10 | 15 | 20 | 30 | 45 | 60 |
| 1.75 | | | | | 701 | 543 | 445 | 385 | 303 | 230 | 185 |
| 1.70 | 1070 | 972 | 893 | 823 | 776 | 589 | 471 | 404 | 314 | 236 | 189 |
| 1.67 | 1129 | 1023 | 938 | 863 | 813 | 612 | 492 | 416 | 321 | 239 | 191 |
| 1.65 | 1148 | 1051 | 966 | 888 | 835 | 627 | 502 | 424 | 326 | 242 | 193 |
| 1.60 | 1268 | 1117 | 1015 | 927 | 869 | 644 | 512 | 431 | 330 | 245 | 194 |
| END POINT VOLTS/CELL | CONSTANT CURRENT DISCHARGE RATINGS - AMPS @ +77°F (+25°C) | | | | | | | | | | |
| | OPERATING TIME TO END POINT VOLTAGE (IN HOURS) | | | | | | | | | | |
| | 1 | 2 | 3 | 5 | 8 | 10 | 12 | 20 | 24 | | |
| 1.90 | 73.3 | 43.0 | 31.2 | 20.8 | 14.1 | 11.6 | 9.9 | 6.3 | 5.3 | | |
| 1.85 | 82.3 | 48.5 | 34.9 | 22.8 | 15.2 | 12.5 | 10.6 | 6.6 | 5.6 | | |
| 1.80 | 87.5 | 51.7 | 36.9 | 23.9 | 15.9 | 13.0 | 11.0 | 6.8 | 5.8 | | |
| 1.75 | 92.3 | 53.9 | 38.3 | 24.7 | 16.3 | 13.3 | 11.3 | 7.0 | 5.9 | | |

Note: Specifications subject to change without notification. Above ratings do not include interunit connector voltage drops.



TOP TERMINAL



UPS12-545PLP

| END POINT VOLTS/CELL | CONSTANT POWER DISCHARGE RATINGS - WATTS PER CELL @ +77°F (+25°C) | | | | | | | | | | |
|----------------------|---|------|------|------|------|------|------|-----|-----|-----|-----|
| | OPERATING TIME TO END POINT VOLTAGE (IN MINUTES) | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 10 | 15 | 20 | 30 | 45 | 60 |
| 1.75 | | | | | 765 | 582 | 477 | 409 | 320 | 241 | 193 |
| 1.70 | 1207 | 1106 | 1003 | 925 | 874 | 643 | 517 | 437 | 334 | 248 | 197 |
| 1.67 | 1270 | 1158 | 1053 | 973 | 920 | 677 | 542 | 456 | 346 | 254 | 200 |
| 1.65 | 1331 | 1220 | 1105 | 1017 | 959 | 698 | 555 | 466 | 352 | 258 | 203 |
| 1.60 | 1367 | 1259 | 1137 | 1045 | 983 | 710 | 562 | 470 | 354 | 259 | 204 |
| END POINT VOLTS/CELL | CONSTANT CURRENT DISCHARGE RATINGS - AMPS @ +77°F (+25°C) | | | | | | | | | | |
| | OPERATING TIME TO END POINT VOLTAGE (IN HOURS) | | | | | | | | | | |
| | 1 | 2 | 3 | 5 | 8 | 10 | 12 | 20 | 24 | | |
| 1.90 | 75.8 | 44.4 | 32.3 | 21.4 | 14.5 | 11.9 | 10.2 | 6.4 | 5.4 | | |
| 1.85 | 84.1 | 49.6 | 35.7 | 23.4 | 15.7 | 12.9 | 11.0 | 6.9 | 5.8 | | |
| 1.80 | 90.7 | 53.2 | 38.2 | 24.8 | 16.5 | 13.5 | 11.5 | 7.1 | 6.0 | | |
| 1.75 | 99.8 | 57.0 | 40.4 | 26.0 | 17.1 | 14.0 | 11.8 | 7.3 | 6.2 | | |

UPS12-605PLP

| END POINT VOLTS/CELL | CONSTANT POWER DISCHARGE RATINGS - WATTS PER CELL @ +77°F (+25°C) | | | | | | | | | | |
|----------------------|---|------|------|------|------|------|------|-----|-----|-----|-----|
| | OPERATING TIME TO END POINT VOLTAGE (IN MINUTES) | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 10 | 15 | 20 | 30 | 45 | 60 |
| 1.75 | | | | | 868 | 690 | 557 | 465 | 352 | 261 | 209 |
| 1.70 | 1329 | 1202 | 1095 | 1006 | 946 | 727 | 582 | 479 | 358 | 263 | 210 |
| 1.67 | 1396 | 1261 | 1142 | 1047 | 969 | 753 | 603 | 496 | 366 | 267 | 212 |
| 1.65 | 1413 | 1277 | 1158 | 1061 | 990 | 761 | 606 | 499 | 368 | 268 | 213 |
| 1.60 | 1484 | 1337 | 1208 | 1106 | 1040 | 799 | 630 | 518 | 379 | 273 | 216 |
| END POINT VOLTS/CELL | CONSTANT CURRENT DISCHARGE RATINGS - AMPS @ +77°F (+25°C) | | | | | | | | | | |
| | OPERATING TIME TO END POINT VOLTAGE (IN HOURS) | | | | | | | | | | |
| | 1 | 2 | 3 | 5 | 8 | 10 | 12 | 20 | 24 | | |
| 1.90 | 89.3 | 51.0 | 36.0 | 23.1 | 15.1 | 12.3 | 10.3 | 6.4 | 5.4 | | |
| 1.85 | 98.0 | 55.1 | 38.8 | 25.1 | 16.5 | 13.3 | 11.2 | 6.9 | 5.8 | | |
| 1.80 | 103.8 | 58.1 | 41.2 | 26.6 | 16.9 | 13.9 | 11.7 | 7.2 | 6.1 | | |
| 1.75 | 104.8 | 59.0 | 41.7 | 26.7 | 17.4 | 14.4 | 11.9 | 7.4 | 6.2 | | |

Note: Specifications subject to change without notification. Above ratings do not include interunit connector voltage drops.



UPS6-625PLP

TOP TERMINAL



| END POINT VOLTS/CELL | CONSTANT POWER DISCHARGE RATINGS - WATTS PER CELL @ +77°F (+25°C) | | | | | | | | | | |
|----------------------|---|----------|----------|----------|-------|-------|-------|-------|-------|-------|-------|
| | OPERATING TIME TO END POINT VOLTAGE (IN MINUTES) | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 10 | 15 | 20 | 30 | 45 | 60 |
| 1.75 | 1058.5 | 1004.9 | 954.2 | 906.5 | 861.6 | 681 | 573.2 | 496.6 | 391.8 | 296.5 | 237.4 |
| 1.70 | 1068.9 | 1020.8 | 975 | 931.4 | 890.1 | 717.5 | 601.5 | 517.4 | 403.3 | 301.9 | 240.7 |
| 1.67 | 1136.8 | 1083.1 | 1032 | 983.5 | 937.6 | 746.6 | 620 | 529.9 | 410.4 | 306.6 | 244.6 |
| 1.65 | 1143.1 | 1091.6 | 1042.4 | 995.5 | 951 | 763.4 | 634.2 | 541.6 | 418.8 | 312.7 | 249.6 |
| 1.60 | 1210.992 | 1154.208 | 1100.048 | 1048.512 | 999.6 | 794.4 | 654.8 | 556.5 | 428.7 | 320 | 255.9 |
| END POINT VOLTS/CELL | CONSTANT CURRENT DISCHARGE RATINGS - AMPS @ +77°F (+25°C) | | | | | | | | | | |
| | OPERATING TIME TO END POINT VOLTAGE (IN HOURS) | | | | | | | | | | |
| | 1 | 2 | 3 | 5 | 8 | 10 | 12 | 20 | 24 | | |
| 1.90 | 94.6 | 57.7 | 42.4 | 28 | 19 | 15.8 | 13.7 | 8.9 | 7.6 | | |
| 1.85 | 105.7 | 63.6 | 46.2 | 30.1 | 20.3 | 16.9 | 14.5 | 9.3 | 7.8 | | |
| 1.80 | 113.7 | 67.6 | 48.7 | 31.5 | 21.2 | 17.6 | 15.1 | 9.7 | 8.2 | | |
| 1.75 | 121.1 | 71.2 | 50.9 | 32.6 | 21.9 | 18.1 | 15.6 | 10 | 8.4 | | |

Note: Specifications subject to change without notification. Above ratings do not include interunit connector voltage drops.

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