

Talk-A-Phone Co.

Model PCS-1 Power Charging System Architectural & Engineering Specification rev. 6/17/03

1 General Description

- 1.1 The unit shall be a Power Charging System, model PCS-1, no substitutions, to supply continuous power when only a switched power source is available. Power shall be available for Emergency Phone Tower, Wall Mount Station or Surface mount with separate Blue Light Strobe.

2 Construction

- 2.1 The unit shall include a deep cycle battery, battery charger, transformer and connective wiring.
- 2.2 Battery shall measure 7" x 5" x 6.63", charger shall measure 7.75" x 5.13" x 2.44".
- 2.3 Total weight of components shall be approximately 28 lbs.

3 Electrical

- 3.1 Unit shall accept an input voltage of 120VAC.
- 3.2 12VDC output shall be supplied from battery (optionally 24VDC).
- 3.3 System shall require no more than 6 hours charge time per day.
- 3.4 System shall supply uninterrupted power to a Talk-A-Phone Co. Emergency Phone Tower Mount, Wall Mount, or Surface mount with separate blue light strobe. Blue light strobe and face plate light and either Cellular Interface or Radio Frequency Interface shall all be continuously lit.
- 3.5 System shall provide backup when missing one complete recharging cycle.

4 Mounting

- 4.1 Equipment shall mount into Emergency Phone surface mount, model ETP-SML/R, Tower Mount, model ETP-MT, or Radius Tower Mount, ETP-MT/R.
- 4.2 NEMA enclosure, model ETP-BOX/PCS1, shall be available when not mounting inside a Talk-A-Phone Co. Emergency Phone mount.

5 Options

- 5.1 Model PCS-SD shall be a stepdown transformer that allows for an alternative input voltage at 600VAC, 480VAC, 277VAC, 240VAC, or 208VAC (e.g. order PCS-SD-277 for 277VAC) with dimensions of 4.25" x 3.25" x 4" and a weight of 8 lbs.
- 5.2 Model ETP-SML/R shall be a surface mount enclosure for 400 Series flush mounting emergency phones designed to also house a cellular or RF interface and the PCS-1.
- 5.3 NEMA enclosure, model ETP-BOX/PCS1, shall be used when PCS-1 is not mounted inside a Talk-A-Phone Emergency Phone mount.

6 Warranty

- 6.1 Equipment shall be warrantied against any defects in material and workmanship, under normal use, for a period of one year from date of installation. In the event system is found by manufacturer to be defective within the warranty period, manufacturer shall repair and/or replace any defective parts, provided the equipment is returned to manufacturer.

7 Manufacturer

- 7.1 The Manufacturer shall be Talk-A-Phone Co. (773) 539-1100, 5013 N. Kedzie, Chicago, Illinois 60625, www.talkaphone.com. THERE ARE NO EQUIVALENTS.