



LTV
LIV POWER

**POWER
CRYSTA**



POWER CRYSTA TALL TUBULAR BATTERY DATA SHEET
PCIT 24000 (12V 240Ah @ C10)

| Nominal Voltage | Rated Capacity @ 10Hr | Dimensions in mm | | | Battery Gross Weight (Kg) |
|-----------------|-----------------------|------------------|-------|--------|---------------------------|
| | | Length | Width | Height | |
| 12 | 240Ah | 505±3 | 190±3 | 410±3 | 70±3% |

ELECTRICAL PARAMETERS

Battery Specified Capacity Test @ 27°C

| C10 @ 10.5V | C5 @ 10.5V | C3 @ 10.5V | C2 @ 10.5V | C1 @ 10.5V |
|-------------|------------|------------|------------|------------|
| 240 | 207 | 182 | 160 | 140 |

Ah & Wh Efficiency

| Ah Efficiency | Wh Efficiency |
|---------------|---------------|
| > 94% | > 80% |

Charging Method (CC/ CV)

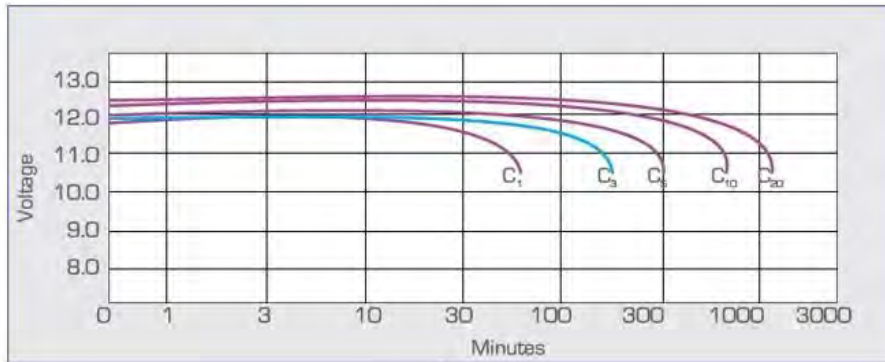
Backup @ 400Watt Load

| Charging Method (CC/ CV) | Backup @ 400Watt Load |
|--------------------------|----------------------------|
| Max Current | 5:40 Hours ± 15 Minutes |
| Cyclic Use | |
| Float Use | |

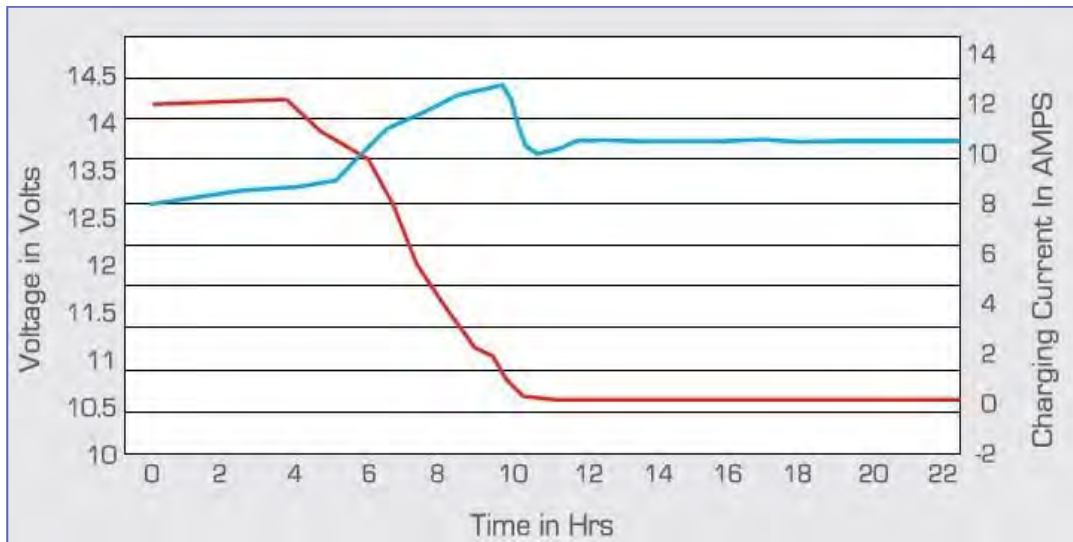
UNIQUE FEATURES:

1. Super TUFF Grid Design with double side pasting for longer battery life.
2. Tubular Plates with Gauntlets, made from special fabric having ultra-fine pores & high permeability to ensure higher backup and longer life.
3. NAM with Active Carbon: Increased reaction surface area for higher backup.
4. Futuristic Design: New-age premium design with durable high-quality material.
5. Low Antimony alloy – Lesser water consumption and reduced water top-up.
6. Optimized Negative paste recipe for fast charge acceptance.
7. Robust Tubular with High Pressure die-cast spine – rate of grid corrosion is very low & higher float life.
8. Ceramic Vent Plugs – Specially designed for controlling acid fumes.
9. Highest purity CP Grade Sulphuric Acid for increased storage life.

DISCHARGING CHARACTERISTICS at various rates @ 27°C



CHARGING CHARACTERISTICS



EXPECTED LIFE @ 27°C

