

# TESLA 3000 Multi-timeframe Power System Recorder

In order to specify an ERLPhase recorder properly configured for the application, a part number must be constructed as indicated below:

TESLA 3000 - aa - bbb - c - d - ee

**Model:** \_\_\_\_\_

- 3000 - 3U Chassis

**aa: # of Analog/Digital Input Channels:**

- 18: 18 analog input channels
- 36: 36 analog input channels

**bbb: Internal Storage:** \_\_\_\_\_

- F04 – 4 GB flash
- FP4 – 4 GB flash with PMU
- FC4 – 4 GB flash with CDR
- CP4 – 4 GB flash with CDR and PMU

**c: Modem Card:** \_\_\_\_\_

- 0: No Modem Card
- 1: Factory Installed Modem Card

**d: Communications:** \_\_\_\_\_

- 1: Factory Installed Ethernet (standard)

**ee: Operating Frequency:** \_\_\_\_\_

- 50: 50 Hertz
- 60: 60 Hertz

**Example:**

- TESLA 3000 – 36 – F04 – 0 – 1 – 60: This part number specifies a TESLA recorder with 3U chassis, 36 analog input channels, internal storage – Flash memory 4.0 GB, no modem card, factory installed Ethernet (standard), most recent user manual on CD (PDF format) and software, suitable for operation on 60 Hertz system.

## II) Recorder Accessories

A variety of accessories are available from ERLPhase to complement the recorder product family. The accessories listed in this section would be individually specified and ordered by item number.

### Input Modules:

- 101754 – CT Module – 5A (four (4) input module)
- 101955 – CT Module – 1A (four (4) input module)
- 101756 – PT Module – 69V nominal (three (3) input module)
- 102079 – LEA PT Module – 4V (three (3) input module)
- 106243 – DC Module (four (4) channel isolated input module)
- 101783 – Split-core CT
- 101850 – Digital input shorting bar

### Communication Accessories:

- 106916 – RuggedCom Ethernet switch (6 port)
- 106917 – RuggedCom LAN modem (DIN rail mount)
- 107081 – RuggedCom LAN modem (rack mount)
- 101787 – Serial Cable, RS232 Cable w/ 9 pin female to 25 pin male connectors
- 106230 – USB (PC connection) to RS232 (relay connection) Cable
- 101629 – Modem Adapter for use with Serial Cable item # 101787

### User Manuals:

- 106791 – Printed TESLA User Manual and CD