

# TESLA 3000 Power System Recorder

## Order Template

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

**aa: # of Analog/Digital**

**Input Channels:**

- 18: 18 analog input channels  
32 digital inputs
- 36: 36 analog input channels  
64 digital inputs

**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 – 18 – F04 – 0 – 1 – 60: This part number specifies a TESLA 3000 recorder with 4 GB flash memory internal storage with CDR and PMU software, no modem card, with both LAN ports to be used for optical communications, suitable for operation on 60 Hertz system.

### Note:

- 1) PMU: Phasor Measurement Unit
- 2) CDR: Continuous Disturbance Recording
- 3) The TESLA 3000 comes standard as a 3U horizontal mounting model with 4 GB flash internal storage with CDR and PMU functionality and with the software CD having the latest firmware version and the soft copy of the user manual. Please enquire regarding any specific non-standard requirements.

### 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 – 5 A (4 input module)
- 101955 – CT Module – 1 A (4 input module)
- 101756 – PT Module – 69 V nominal (3 input module)
- 106243 – DC Module (4 channel isolated input module)
- 101783 – Split-core CT – 5 A
- 101784 – Split-core CT – 1 A
- 101850 – Digital input shorting bar

The specifications and product information contained in this document are subject to change without notice.  
In case of inconsistencies between documents, the version at [www.erlphase.com](http://www.erlphase.com) will be considered correct. (D02376R06)

