<div align="center">

Data sheet
TRANSFORMERS
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Obligatory Data

1) Type

  a) Transformer
  b) Autotransformer

2) Application

  a) Energy Distribution UPS
  b) Rectifier (Type of rectifier)
  c) Inverter output (% inductance)
  d) Isolation, separation
  e) Welding
  f) Other

3) Number of phases

  a) single phase
  b) tree-phase
  c) tree-single phase

4) Nominal power (kVA)

5) Nominal primary voltage "U1" (V) + nominal secondary voltage "U2"

6) Frequency "f" (Hz)   **/** 50 or 60 /

7) Connection and vector group

8) Insulation class   (B/F/H)

9) Installation

  a)   indoor
  b)   outdoor

10) Type of cooling   natural
                  forced   then v=? (v=m/sec).

11) Winding material (CU or AL)   / standard: AL /

Optional data:

12) Field of application

    a)   industry
    b)   railway
    c)   marine
    d)   wind/solar
    e)   other

13) Standard (IEC, UL, NEMA,…)

14) Taps on primary (+/- %)

15) Input voltage variation (+/- %)

16) No load secondary voltage U20" (V)

17) Short circuit voltage "Ukk" (%)   / standard: 4% /

18) Altitude above sea-level (m)   / standard <1000m /

19) Ambient temperature "Ta" (°C)   / standard: 40 /

20) Duty cycle   / standard: continues /

21) Thermal protection

22) Grade of protection (IP)   / standard: IP00 /

23) No-load losses „Po" (W)

24) Load loss "Pcc" (W) by (75°C or 115°C)

25) No-load-current "Io" (%)

26) Input current maximum (A)

27) Max. weight (kg)

28) Max. dimension (mm)   (LxWxH)

29) Type and positions of the connections

30) Any other client requirements………………………………………………………

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