

## Introduction

PREMO is a leading manufacturer of Inductive Components for power electronics since 1962.

We are specialists in developing custom made solutions for different market sectors such as:

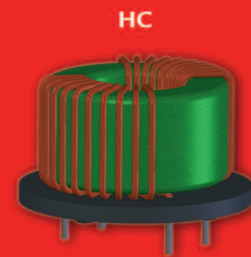
- Renewable energies.
- Switch mode power supplies.
- Inverters for welding devices.
- Metering Devices: water, KWH meters...

# PREMO

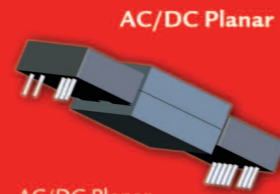
### Renewable Energies Conversion Systems Components



Solar Panel inverters



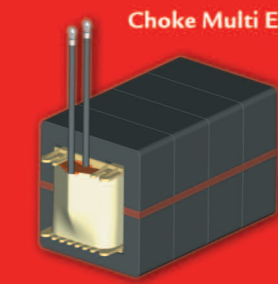
High current handling nanocrystalline common mode choke. HC Series up to 32A



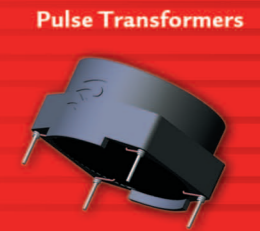
AC/DC Planar transformer. High isolation output power 10KW.



Wind mills inverters



Input & output high efficiency energy storage choke up to 20KW (Ferrite, kool mu, Pot Cores)

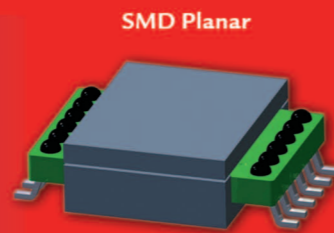


Pulse transformers series with high isolation and low rise time.

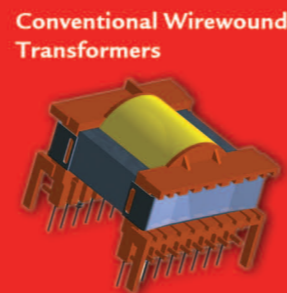
### Switch Mode Power Supply Components



Telecom power supplies



DC/DC SMD Planar transformer. High output current, very low profile (250W/11mm)

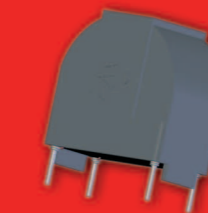


Complete range of ferrite shape transformers (EE, EF, ETD, EFD, PQ...)

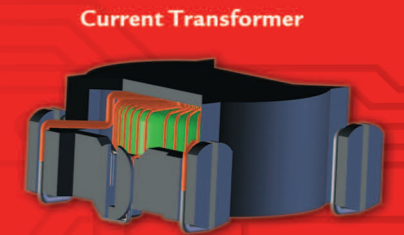


Industrial power supplies

PC Common Mode Choke



Ferrite base common mode chokes with high impedance for filtering purposes.

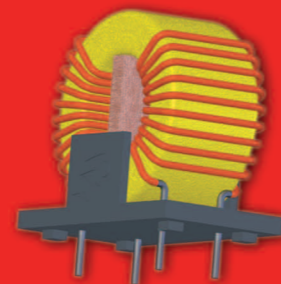


Ferrite current transformer series SMD Low profile up to 16A PTH up to 60A

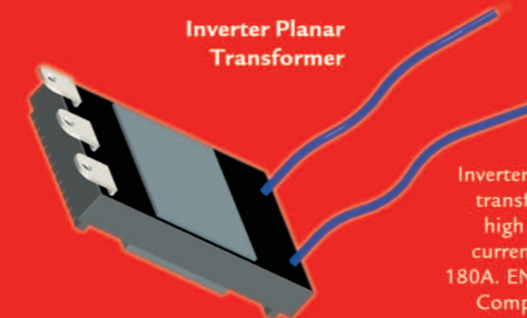
### Welding Inverters Components



Welding devices



HC Series common mode chokes high bandwidth impedance high current



Inverter planar transformers high output current up to 180A. EN60974 Compliance.



High frequency chokes up to 150A (kool mu & ferrite based)

### Inductive Components for Metering Devices



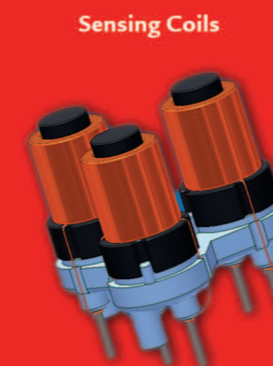
Electronic KWH meters



High accuracy 50Hz current transformers CW Series. Up to 100A. IEC 1036 Compliance



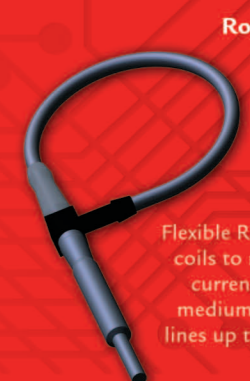
Electronic water meters



Custom made sensing coils for water metering devices. High Q > 90



High & Medium voltage lines



Flexible Rogowski coils to measure currents in the medium voltage lines up to 10KA.