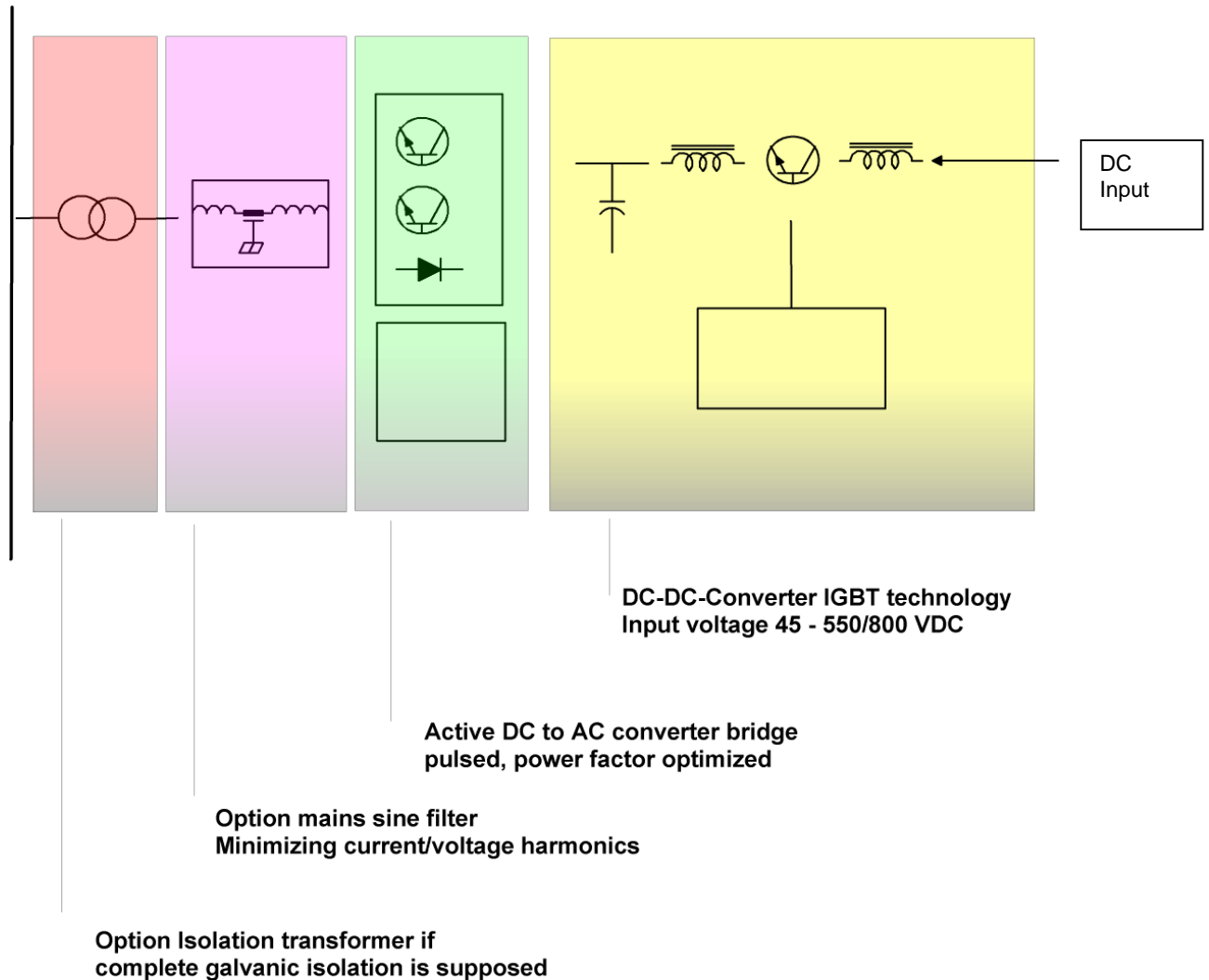


## Block Diagram of REGATRON “ReGen” Regenerative Power System Part :



The system power rating is calculated at the desired DC input voltage. The corresponding DC input current can be drawn from max. DC down to less than 45 V DC.

Regenerative (generatoric) energy is fed back to the mains with a very high efficiency of 97% at full load.

The modular concept allows for parallel operation of DC-DC-converters as for the AC-converter bridge units as well to obtain finely graduated power classes.

The system has a remarkable dynamic response time of typical 1 – 3 msec for a full load step in each quadrant, typical current reverse time from +90% to –90% rated current is 10-15 msec.

Regatron ChR / 04.05