Features

■ Selectable multimode operation: fixed frequency or quasi-resonant
■ On-board 800 V high-voltage start-up
■ Advanced light load management
■ Low quiescent current (< 3 mA)
■ Adaptive UVLO
■ Line feedforward for constant power capability vs mains voltage
■ Pulse-by-pulse OCP, shutdown on overload (latched or autorestart)
■ Transformer saturation detection
■ Programmable frequency modulation for EMI reduction
■ Latched or autorestart OVP
■ Brownout protection

Applications

■ Industrial SMPS
■ SMPS running off rectified 3-phase input line

Figure 1. Block diagram