

An inductor-type three-phase valve generator with unlike-poles is used for automotive electric generators, for wind-powered generators. A generator has three-phase  $2p_1$ -poles armature winding made with toothed step in  $Z_1$  grooves, toothed rotor with  $Z_2$  teeth. Phase windings are delta-connected. In each phase there are in series connected diodes. Additionally, on each tooth it is placed coils of drive winding which are connected series opposite. The proposed construction allows increasing the generator coefficient of efficiency.