

This table shows the specific values of each control parameters of DFIG-IFLVSG wind power grid-connected system.

Parameter	Value	Parameter	Value
$R_{eq}$	$0.62 \Omega$	$X_{eq}$	$28.26 \Omega$
$R_v$	$0.1 \Omega$	$X_v$	$25.12 \Omega$
$\omega_0$	$314 \text{ rad}\cdot\text{s}^{-1}$	$P_0$	1.3 MW
$J_0$	$9.56 \text{ kg}\cdot\text{m}^2$	$D_{p0}$	$30.42 \text{ N}\cdot\text{m}\cdot\text{s}/\text{rad}$
$U_{pcc}$	690 V	$L_m$	18 mH
$E_0$	690 V	$R_r$	$0.02 \Omega$
$R_s$	$2.35 \text{ m}\Omega$	$L_s$	2 mH
$K_w$	500	$L_r$	1 mH
$T_j$	$14.5 \text{ rad}\cdot\text{s}^{-2}$	$P_j$	0.16 MW
$T_a$	0.05 s	$T_d$	$1.5 \text{ rad}\cdot\text{s}^{-1}$
$K_p$	0.001	$K_i$	0.008
$K_{pd}$	5	$K_{id}$	100
$K_{pq}$	4.8	$K_{iq}$	90