

YJD112060NQG2` i b] d c ` U f ` X Y j]f WY

`N Y f c `Z c fWc l j fYX `fnYW

`9 g g Y b h] U ` ` m b c :

`F Y X i Wh] c b `c Z \ Y

<] [\ ! Z f Y e i Y b Wn

`F Y X i Wh] c b `c Z `9 A

Typical Applications

Typical applications are in power factor correction(PFC), solar inverter, uninterruptible power supply, motor drives, photovoltaic inverter, electric car and charger.

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Electrical Characteristics

PARAMETER	SYMBOL	UNIT	TEST CONDITIONS	Typ.	Max.
Forward voltage drop	V_F	V	$I_F=60A, T_j=25^{\circ}C$	1.45	1.55
			$I_F=60A, T_j=175^{\circ}C$	2.05	-
Reverse leakage current	I_R	μA	$V_R=1200V, T_j=25^{\circ}C$	2	20
			$V_R=1200V, T_j=175^{\circ}C$	15	-
Total capacitive charge	Q_C	nC	$V_R=800V, T_j=25^{\circ}C, Q_C=\int_0^{V_R} C(V)dV$	328	-
Total capacitance	C	pF	$V_R=0V, f=1MHz$	4750	-

