

15kW Bi- Directional AC-DC Converter



	Part Number	90156
AC Input	Input Voltage	304VAC ~ 456VAC 3 Phase without neutral
	Input Frequency	45Hz ~ 65Hz
	Max. Input Current	< 30A
	Power Factor	Rated output load ≥ 0.99
	Input Under Voltage Protection	294Vac ~ 304Vac @ Auto recovering, tested with 5A load
	Input Overvoltage Protection	456Vac ~ 466Vac@ Auto recovering, tested with 5A load
DC Input	Rated DC Input Voltage	750V DC
	DC Input Voltage Range	200~750Vdc
	Max Input Current	20A @200-500Vdc max 20A input; 500-750Vdc constant 10KW input
	Max Input Power	15KW
DC Output	Maximum Output Power	15KW
	Output Voltage Range	200~750VDC
	Output Current Range	0 to 25A @ 200-600Vdc @ 25A max,600-750Vdc constant power 15KW
	Output Overvoltage Protection	755Vdc ~ 765Vdc
	Output Under Voltage Protection	190Vdc ~ 200Vdc
	Short Circuit Protection	Yes
	Voltage Stabilised Accuracy	$\leq \pm 1\%$
	Efficiency	$\geq 93\%$ @ Rated input, rated output
AC Output	Rated AC Output Voltage	380V AC
	AC Output Voltage Range	304Vac~456Vac
	Output current range	0~20A
	Output Power	10KW
Communication & Alarm	Communication	CAN
	Alarm & Status	Display on LED panel
Operating Environment	Operating Temperature	-40°C ~ 60°C derating from 50°C to 60°C linearly by 20%
	Overtemperature Protection	>60°C@ Auto recoverable when temperature drops to 60 or below
	Storage Temperature	-40°C ~ 70°C
	Humidity	$\leq 90\%$ @ 40 ± 2
	Altitude	0 ~ 2000m
Mechanical	Acoustic Noise	< 55dB
	Cooling	Fan cooling
	Dimensions	306mm (H) x 84mm (W) x 449.7mm (L) +/-0.5mm
	Weight	< 13Kg
	MTBF	> 500,000 hours (40°C)
Compliance		CE - EN16581-1