



F.E. Model: FINYG018-48V 3KW

Features:

- ◆ High conversion efficiency;
- ◆ Wide input voltage range;
- ◆ High reliability due to complete protection function.

	Items	Parameters
DC Input	Rated Voltage Input(VDC)	48
	Rated Current Input(A)	72.7
	Permitted Range of DC Voltage Input(VDC)	42-46
AC Output	Rated Capacity(KVA)	3.0
	Rated Power Output(KW)	2.4
	Rated Voltage Output and Frequency	230VAC,±50Hz
	Rated Current Output(A)	13.6
	Precision of Voltage Output(V)	230±3%
	Precision of Frequency Output(HZ)	50±0.05
	Total Harmonic Distortion(THD)(Linear Load)	≤5%
	Dynamic Response (Load 0—100%)	5%
	Power Factor(PF)	0.8
	Overload Capacity	150%, 10second
	Crest Factor (CF)	3:1
	Inversion Efficiency(80%Resistive Load)	90%
Operation Ambient	Dielectric strength(input and output)	1500VAC,1minute
	Noise level(1Meter)	≤50dB
	Operation ambient temperature	-25℃ ~+55℃
	Humidity	0~90%,without dewing
	Altitude(m)	≤6000
Mechanical	Vertical: D×W×H(mm)	530×280×540