

POWER ELECTRONICS 전문기업

JWE-N17 Power Module

(Electric Vehicle Charging Module)



JWE-N17 10kW Power Module (Electric Vehicle Charging Module)



Features:

- * Voltage / Current free Setting
- * Auto Parallel Operating (Up to 10 SET)
- * Digital Display (Voltage / Current)
- * Built-in CAN & RS485 interface
- * An embedded Microprocessor controller
- * Digital Encoder Knob
- * Over Voltage /Current Limit /Short Circuit Protection
- * Electric vehicle charging System

MODEL		JWE-N17
OUTPUT	DC OUTPUT VOLTAGE	+50Vdc ~ +500Vdc
	DC RATED CURRENT	≤+400Vdc/25A, ≤+500Vdc/20A
	RATED POWER	10 kW
	RIPPLE & NOISE	≤ ± 1%
	LINE REGULATION	≤ ± 1%
	LOAD REGULATION	≤ ± 2%
INPUT	VOLTAGE RANGE	3Ø 4W 380VAC ± 15%
	FREQUENCY RANGE	47 ~ 63Hz
	POWER FACTOR	≥ 98% Full load
	EFFICIENCY	≥ 93% Full load
	INRUSH CURRENT	≤50A
	LEAKAGE CURRENT	< 3.5mA
PROTECTION	OVER VOLTAGE	105% ~ 130%
	OVER CURRENT	105% ~ 130%
	OVER TEMPERATURE	≥95℃ ± 5℃ detect on heatsink
ENVIRONMENT	WORKING TEMP.	-20 ~ +50℃
	WORKING HUMIDITY	10 ~ 90% RH
	STORAGE TEMP., HUMIDITY	-30 ~ +60℃
SAFETY & EMC	WITHSTAND VOLTAGE	I/P-O/P:1.5KVAC, I/P-FG: 1.5KVAC
	ISOLATION RESISTANCE	I/P-O/P:100M OHMS / 500VDC
OTHERS	DIMENSION	480mm X 500mm X 88mm

JWE-N17_5P 50kW Power Module (Electric Vehicle Charging Module)



Features:

- * Voltage / Current free Setting
- * Auto Parallel Operating (5 SET)
- * Digital Display (Voltage / Current)
- * Built-in CAN & RS485 interface
- * An embedded Microprocessor controller
- * Digital Encoder Knob
- * Over Voltage /Current Limit /Short Circuit Protection
- * Electric vehicle charging System

MODEL		JWE-N17_5P
OUTPUT	DC OUTPUT VOLTAGE	+50Vdc ~ +500Vdc
	DC RATED CURRENT	≤+400Vdc/125A, ≤+500Vdc/100A
	RATED POWER	50 kW
	RIPPLE & NOISE	≤ ± 1%
	LINE REGULATION	≤ ± 1%
	LOAD REGULATION	≤ ± 2%
INPUT	VOLTAGE RANGE	3Ø 4W 380VAC ± 15%
	FREQUENCY RANGE	47 ~ 63Hz
	POWER FACTOR	≥ 98% Full load
	EFFICIENCY	≥ 93% Full load
	INRUSH CURRENT	≤100A
	LEAKAGE CURRENT	< 5mA
PROTECTION	OVER VOLTAGE	105% ~ 130%
	OVER CURRENT	105% ~ 130%
	OVER TEMPERATURE	≥95℃ ± 5℃ detect on heatsink
ENVIRONMENT	WORKING TEMP.	-20 ~ +50℃
	WORKING HUMIDITY	10 ~ 90% RH
	STORAGE TEMP., HUMIDITY	-30 ~ +60℃
SAFETY & EMC	WITHSTAND VOLTAGE	I/P-O/P:1.5KVAC, I/P-FG: 1.5KVAC
	ISOLATION RESISTANCE	I/P-O/P:100M OHMS / 500VDC
OTHERS	DIMENSION	480mm X 500mm X 440mm

Mechanical Specification (JWE-N17) 3D



Mechanical Specification (JWE-N17) 2D

