



Specifications

40kW AC/DC Power Module		
Environmental conditions	Operating temperature	-40~+75°C derating work above 55°C derating
	cooling method	Air cooled
	Altitude	≤2000m
	Atmospheric pressure	86kPa~106kPa
	Input system	Three phase + PE
Three-phase AC input	Input rated voltage	200Vac (200V±15%) 380Vac (380V±15%) 480Vac (480V±10%)
	Input voltage range	160~525Vac

	Maximum current	$\leq 80\text{A}$
	Input frequency	45~65Hz
	Input surge current	$\leq 150\%$ rated input current
DC output	Output voltage range	50-1000Vdc
	Output current range	0-133.3A (rated 380/480V input) 0-76.67A (rated 200V input)
	Output Power	40kW@380Vac@480Vac 23kW@200Vac
	Voltage regulation accuracy	$\leq \pm 0.5\%$
	Steady current accuracy	$\leq \pm 1\%$
	Output voltage ripple factor	$\leq 1\%$
	Features & Performance	Power Factor
Peak Efficiency		$\geq 97\%$ @ maximum operating point (rated 380/480V input) $\geq 95.5\%$ @ maximum operating point (rated 200V input)
THDi		$\leq 5\%$
Standby power consumption		$\leq 0.05\%$ of rated power output
Current imbalance		$\leq \pm 3\%$
Size		W (360mm) *D (459mm) *H(85mm)
Weight		$\leq 19\text{kg}$
Protection class		IP20
Communication & Control	Communication	CAN BUS
Certification		CE, UL, KC

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