



Technical Note TN-005

Common Dock Power Capacities

Voltage	Form	Ampacity	Cord kW	Converter kW *	Converter kVA @ 0.85P.F.
208VAC	1Ø	30Amp	6.2kW	5.6kW	6.5kVA
		50Amp	10.4kW	9.3kW	10.9kVA
		100Amp	20.8kW	18.6kW	21.8kVA
230VAC	1Ø	16Amp	3.7kW	3.3kW	3.9kVA
		32Amp	7.4kW	6.6kW	7.8kVA
		63Amp	14.5kW	12.9kW	15.5kVA
240VAC	1Ø	30Amp	7.2kW	6.4kW	7.5kVA
		50Amp	12.0kW	10.7kW	12.6kVA
		63Amp	15.0kW	13.4kW	15.7kVA
		100Amp	24.0kW	21.4kW	25.2kVA
		125Amp	30.0kW	26.8kW	31.4kVA
208VAC	3Ø	100Amp	36.0kW	32.0kW	37.6kVA
240VAC	3Ø	63Amp	26.2kW	23.3kW	27.4kVA
		125Amp	52.4kW	46.6kW	54.8kVA
		32Amp	21.1kW	18.8kW	22.1kVA
		63Amp	41.6kW	37.0kW	43.5kVA

380VAC	3Ø	125Amp	83.2kW	74.0kW	87.0kVA
400VAC	3Ø	32Amp	22.1kW	19.7kW	23.1kVA
		63Amp	43.5kW	38.7kW	45.5kVA
		125Amp	87.0kW	77.4kW	91.0kVA
		32Amp	23.0kW	20.5kW	24.1kVA
416VAC	3Ø	63Amp	45.4kW	40.4kW	47.5kVA
		125Amp	90.8kW	80.8kW	95.0kVA
		60Amp	49.9kW	44.4kW	52.2kVA
480VAC	3Ø	100Amp	83.1kW	74.0kW	87.1kVA
		150Amp	124.7kW	111.0kW	131.0kVA
		200Amp	166.2kW	148.0kW	174.2kVA
		60Amp	49.9kW	44.4kW	52.2kVA

* Converter output kW factors in the converter efficiency and reflected input power factor.

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