

Frequency Conversion Systems



PD Power Systems Ground Power Solutions: Reliable fleet, offering various configurations in support of all critical USAF military aircrafts operational readiness

PD Power Systems' Frequency Converter Modules are designed to accept 480VAC input at 50/60 Hz and deliver 400 Hz (115/230VAC), 28.5VDC and/or 270VDC outputs. These modules are specialized solid-state power conversion systems built on the Military Ground Power Systems technology. Frequency Converter Modules can be tailored to specific needs and performance specifications with multiple AC/DC outputs that can be turned on simultaneously and/or individually.

Part No.	Output Options
PCML60kVA/28	a. 3 Phase, 60 kVA, 115/200 VAC, at 400 Hz b. 3 Phase, 60 kVA, 230/400 VAC, at 400 Hz c. 17.1 kW, 28.5 VDC d. 1x 38 kW, 480 VAC/60 Hz output e. 4x Single Phase, 4.8kW/6 kVA, 120 VAC, at 60 Hz
FC60kVA/28	a. 3 Phase, 60 kVA, 115/200 VAC, at 400 Hz b. 3 Phase, 60 kVA, 230/400 VAC, at 400 Hz c. 17.1 kW, 28.5 VDC
FC60kVA	a. 3 Phase, 60 kVA, 115/200 VAC, at 400Hz b. 3 Phase, 60 kVA, 230/400 VAC, at 400Hz
FCL90kVA	a. 3 Phase, 90 kVA, 115/200 VAC, at 400Hz b. 3 Phase, 90 kVA, 230/400 VAC, at 400Hz
FCL90kVA/28	a. 3 Phase, 90 kVA, 115/200 VAC, at 400Hz b. 3 Phase, 90 kVA, 230/400 VAC, at 400Hz c. 17.1 kW, 28.5 VDC.
FCL120kVA	a. 3 Phase, 90 kVA, 115/200 VAC, at 400 Hz b. 3 Phase, 90 kVA, 230/400 VAC, at 400 Hz
PCM90kVA/28/270	a. 3 Phase, 72 kW/90 kVA, 115/200 VAC, at 400 Hz b. 3 Phase, 72 kW/90 kVA, 230/400 VAC, at 400 Hz c. 17.1 kW, 28.5 VDC d. 72 kW, 270 VDC e. 1x 72kW, 480VAC/60Hz Output f. 4x Single Phase, 4.8 kW/6 kVA, 120 VAC, at 60 Hz
FC90kVA/28/270	a. 3 Phase, 72 kW/90 kVA, 115/200 VAC, at 400 Hz b. 3 Phase, 72 kW/90 kVA, 230/400 VAC, at 400 Hz c. 17.1 kW, 28.5 VDC d. 72 kW, 270 VDC
FC90kVA/28	a. 3 Phase, 72 kW/90 kVA, 115/200 VAC, at 400 Hz b. 3 Phase, 72 kW/90 kVA, 230/400 VAC, at 400 Hz c. 17.1 kW, 28.5 VDC
FC90kVA	a. 3 Phase, 72 kW/90 kVA, 115/200 VAC, at 400 Hz b. 3 Phase, 72 kW/90 kVA, 230/400 VAC, at 400 Hz



For more information or pricing, please email sales@pdpowersystems.com or call 1-877-460-7377.

