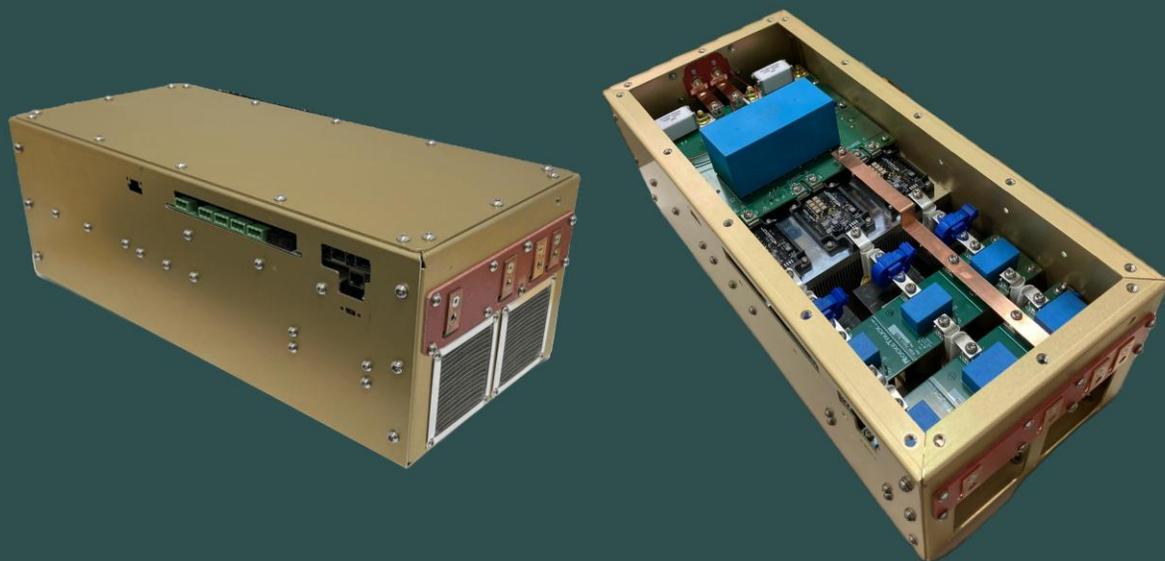


ADVANCED GaN INVERTER



SPECIFICATIONS

Input voltage	345-440VDC
Output voltage	208Y/120VAC, Three-phase, 4 Wire
Output frequency	60-400Hz
Output power	35kVA Continuous
Parallel operation	Up to 10 units, 400kVA
Bidirectional operation	Yes
Output Total Harmonic Distortion	< 1%, 60Hz-100kHz, IEEE-519-1992
Conducted EMI	CISPR/EN 55022/32 Class B
Grounding	Neutral isolated from chassis
Cooling	Forced Air with integrated fans
Ambient Temperature	-40°C to +55°C
Protection	IP-42
Control Mode	Grid Forming and Grid Following
Data communications	2 -CANBUS, RS485, 10/100 Ethernet
Digital I/O	5V, 6 inputs, 8 outputs
Maximum neutral current	50A RMS
Phase imbalance	Load single phase at 58% of rated kVA
Weight, power density	17.8kg (39lb), 2.35kVA/kg
Dimensions	548mm L x 186mm H x 239mm W