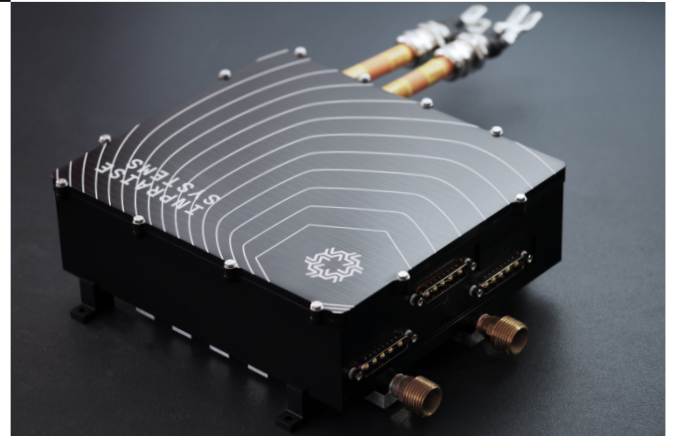


Variable-Frequency Drive Inverters

GENERAL PERFORMANCE PARAMETER RANGE

- + Sensor controlled or sensorless design
- + Motor speeds up to ~ 480 000 rpm
- + Output frequency up to 8 kHz
- + Motor power up to 40 kW
- + High-reliability applications [space]
- + Industrial applications [energy, research]



Pulse Amplitude Modulation Inverters

MODEL	OUTPUT POWER	OUTPUT FREQUENCY	INPUT VOLTAGE	OUTPUT PHASE CURRENT	TECHNOLOGY
InPAM-6K-350	6 kW	0 – > 2500 Hz	350 – 400 V	up to 15 A RMS	SiC
InPAM-40K-400	40 kW	0 – > 2500 Hz	~ 400 V	up to 85 A RMS	GaN in development

Field-Oriented Control Inverters

MODEL	OUTPUT POWER	OUTPUT FREQUENCY	INPUT VOLTAGE	OUTPUT PHASE CURRENT	TECHNOLOGY
InFOC-18K-150	18.5 kW	0 – 1350 Hz	120 – 150 V	up to 135 A RMS	Si
InFOC-6K-180	6 kW	0 – 1500 Hz	120 – 180 V	up to 50 A RMS	GaN in development

Six-Step Inverters

MODEL	OUTPUT POWER	OUTPUT FREQUENCY	INPUT VOLTAGE	OUTPUT PHASE CURRENT	TECHNOLOGY
InSS-300-120	300 W	0 – 600 Hz	85 – 120 V	0 – 3 A RMS	Si

