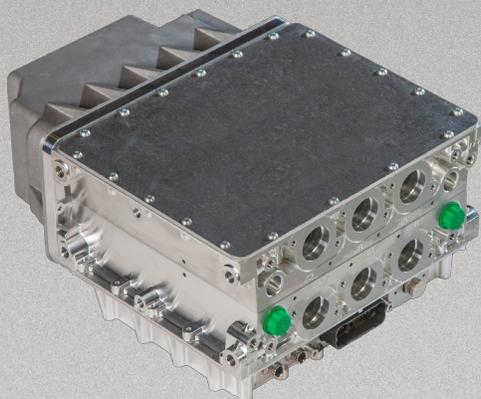


POWER ELECTRONICS



The PD400 provides flexible, modular design and minimizes space while maximizing efficiency.



PD400

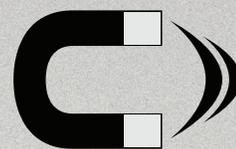
Continuous current up to **450 Arms**
overload capability **600 Arms** burst



Achieve peak power



Designed with complete monitoring compatibility



Supports a wide variety of motor types



Maximum protection for your vehicle



Designed and tested to extreme environments



Performance when you need it



John Deere Family of Inverters Specifications



PD300



PD400



PD400 Dual

Performance

Burst Current ¹	300 Arms	600 Arms	600 Arms each
Continuous Current ¹	300 Arms	450 Arms	450 Arms each
kVA @ 320 V DC	96 kVA	128 kVA	128 kVA
kVA @ 700 VDC	210 kVA	280 kVA	280 kVA

Mechanical

Dimensions	L = 377 mm	L = 380 mm	L = 395 mm
	W = 350 mm	W = 330 mm	W = 330 mm
	H = 148 mm	H = 130 mm	H = 185 mm
Weight	15.0 kg	17.3 kg	30.4 kg
Footprint	1,260 cm ²	1,250 cm ²	1,300 cm ²
Volume	18.3 L	16.3 L	24.1 L

Environmental

Ambient Temperature	-40°C to +85°C	-40°C to +70°C	-40°C to +70°C
Liquid Cooling (WEG)	-40°C to +70°C	-40°C to +70°C	-40°C to +70°C
Sealing	IP6K9K	IP67 and/or 6K9K	IP67 and/or 6K9K
Vibration	Tested to strict off road standards	Tested to strict off road standards	Tested to strict off road standards

Electrical

Supply Voltage	9-32 VDC	9-32 VDC	9-32 VDC
EMC	Tested to strict off road standards	Tested to strict off road standards	Tested to strict off road standards
Maximum Operational Voltage	750 VDC	750 VDC	750 VDC



JOHN DEERE

¹ Duration dependent on current operating conditions and managed by software