



Technical Documentation

Seamless Grid Hybrid Inverter Technical Specifications

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UGE SeamlessGrid Hybrid Inverter

GCI-5K-H	
Maximum input power	5000 W for PV / 5000 W for Wind
Rating output power	5000 W (PV+Wind)
Maximum output power	5200 W (PV+Wind)
Max DC input voltage	600 V
DC nominal voltage	400 V
Max DC input current	15 A PV / 15 A Wind
Operable DC input voltage	100V to 500V PV / 30V to 540V Wind
Grid voltage range	180 - 270 V ac
Operation phase	Single phase
Rating grid frequency	50 Hz / 60 Hz
Rating grid output current	21.7 A ac
Size	390mm x 740mm x 170mm [1'-33/8" x 2'-51/8" x 0'-611/16"]
Weight	22.6 kg [49.8 lbs]
Running temperature	-25°C to 60°C [-13°F to 140°F]
Ingress protection	IP65 (outdoor rated)
Interface	RS485, Bluetooth
Topology	Transformerless
Efficiency	>97%
Certifications	UL 1741, CE, VDE, AS/NZS

