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ADVANCED GSE AMPJET 28



MACHINE SPECIFICATIONS

Product Name	Product Number	Description	Rated	Peak	Standards	Dimensions HxWxD in (mm)	Net Weight lb (kg)
AMPJET™ 28	GPU-AD28DG	28.5V DC 850A Ground Power Unit	AT 40°C 850A / 28.5V Continuous	At 40 °C 2000A Peak 2 sec	MIL-STD-704E	64 x 101 x 76 1575 x 2565 x 1930 mm H X L X W	3090 lbs (1402 kg)

ENGINE SPECIFICATIONS

Product Name	Engine Model	Description	Horsepower & Displacement	Capacities	Operation Load	Runtime
AMPJET™ 28 Tier 3	Perkins® 1104DT3	4 Cylinder Water-Cooled Turbo Diesel Engine With Dry Cartridge Air Filter	122 HP @ 1800 RPM 269 cu in (4.4 L)	FUEL: 34 Gals (129 liters) Diesel or Jet A	850A @ 28.5V	11 hrs
AMPJET™ 28 Tier 4 Final	Perkins® 854F-E34T	4 Cylinder Water-Cooled Diesel Engine DOC/DPF only- No DEF required	74 HP @ 1800 RPM 207 cu in. (3.4L)	FUEL: 34 Gals (129 liters) Ultra Low Sulfur Diesel Only	850A @ 28.5V	11 + hrs

Features	AMPJET 28 GPU-AD28DG	AMPJET 28 GPU-AD28DG-T4F
CHASSIS		
Enclosure - 14 gauge Steel - Easy Access	•	•
Steering - Easy Maneuver 5th Wheel Style	•	•
Wheels - Easy Pull 12" (305mm)	•	•
Brakes - Tow Bar Activated Braking - Adjustable	•	•
Engine / Generator Mounting - 4X Extreme Duty Rubber Isolators	•	•
Hitch - Heavy Duty 2.5" Lunette Eye	•	•
Tie Down Rings - 2 Front / 2 Rear	•	•
CONTROL PANEL		
Controller - Intuitive - Digital - Manufactured by Deep Sea	•	•
Engine Monitoring - Battery Volts, Water Temp., Oil Pressure, Fuel Level, Tachometer, Hour Meter	•	•
Power Output Monitoring - Output Amps, Output Volts	•	•
Trouble Shooting Display - Warning Faults	•	•
Battery - 12V, 1000 Amp CCA Battery	•	•
Troubleshooting Features - Numbered Wiring, Wiring Diagram	•	•
ENGINE PROTECTION		
Delayed Stop Turbo Protection	•	•
Full Application Approval	•	•
Engine Over Speed Protection	•	•
Full Flow Fuel Filter	•	•
Full Flow Lubricating Oil Filter	•	•
Engine Diagnostics	•	•
Engine Preheater	•	•
Low Oil Pressure Shut Down Switch (SDS)	•	•
High Temp Water SDS	•	•
Air Intake Restriction Indicator	•	•
Low Fuel Warning	•	•
Low Coolant Level Shutdown (optional)	option	option
Warranty - Perkins Full Time and Mileage Warranty 2 Years or 3000 Hours	•	•
ENVIRONMENT		
Temperature - 40° to 125°F [-40° to +52°C] w/ Cold Weather Kit Option	•	•
High Altitude Performance	•	•
SAFETY		
E-Stop	•	•
Fire Extinguisher	optional	optional
Visibility Beacon	•	•
Reflectors - for easy visibility at night (10X)	•	•
Noise - Sound Suppression Foam Throughout Engine Compartment	•	•
Sound Level at 23ft (7m)	TBD	TBD
Parking Brake - Adjustable	•	•
PROTECTIVE COATINGS		
Paint - Powder Coated	•	•
Standard Colors	White/Grey/Black	White/Grey/Black
PEACE OF MIND		
Warranty - Everything but Engine - Parts and Labour - 2 Years	•	•
Warranty - Engine - Perkins Full Time and Mileage Warranty, 2 Years or 3000 Hours	•	•
Satisfaction Guarantee - 90 Days you're happy or we take it back promise.	•	•
Designed and Assembled in Canada	•	•
OPTIONS		
Power Cable - 30' DC 2x-4/0 PWR CBL (MIL-5756-C) Custom length output cable available, inquire	GPU-AD5001	option
Auxiliary Power - 120VAC power	GPU-AD5017	option
Cold Weather Kit - Water Circulation Block Heater, Battery Blanket, Glow Plug Starting Aid	GPU-AD5007	option
Forklift Pockets		option
Severe Duty Chassis - Galvanized Chassis, Stainless Enclosure		option
Telematics - Monitor GPU, track on GPS, receive messages / notifications on cell phone or email.	GPU-AD5009	option
Custom Colors		option
Low Fuel Beacon	GPU-AD5011	option
Break Away Output Cable	GPU-AD5019	option