



Load King Lightning EPTO 5, 7, 10, 14 kWh Unit

BENEFITS

Key Benefits- Based On 5 Hour Idle Per Day / 250 Days Per Year
 Reduce Diesel Consumption By Up to 2,000 Gallons Per Year
 Reduce CO2 Emissions By Up to 44.6 Tons Per Year
 Reduce Routine Maintenance Costs By Up to 70%
 \$1,600 - \$2,000 Of Annual Cost Savings In Preventative Maintenance Reduce Hydraulic Oil Movement – Extends Life Of Hoses, O-Rings, Valves, & Other Components
 Decreased Wear-And-Tear Of The Engine & Exhaust Systems
 85% Noise Reduction From Standard Operating PTO
 Creates A Safer Jobsite
 Meets Government 5-Minute Idle Restrictions

Ease of Use

Allows Operators To Easily Switch Between Lightning EPTO And Standard PTO
 Truck Key Can Remain On While Using Lightning EPTO, Charging Truck Batteries
 Full, On-Demand Lightning EPTO Engagement And Control From Aerial Platform
 Installs On New & Existing Utility Equipment For All Major Brands (Terex, Versalift, Altec)
 Also Installs On New & Existing Service Trucks With Cranes
 Parts Readily Available Through Load King Service Network

Charging Lightning EPTO Batteries

Standard 110VAC Outlet
 Standard Charge While Engine Is Running: 1% Charge Every 6 Minutes
 Other Charging Options Available, Inquire With Your CTOS Sales Person

Telematics & Reporting

Standard Telematics With 3-Year Subscription (Included)
 Reports Fuel Savings
 Reports CO2 Emissions Reduction
 Reports Maintenance Savings
 Customer Portal – Lightning EPTO Benefit Tracking & Reports For Individual Units & Entire Fleet

LIGHTNING EPTO SPECS

This Load King Lightning EPTO Powers The Hydraulics Used To Operate The Equipment. Adding Lightning EPTO To The Equipment Allows A Truck Engine To Only Run During Transportation Between Jobs, Resulting In Lower Diesel Emissions.

PATENT PENDING



	5KWh	7KWh	10KWh	14KWh
OUTPUT PRESSURE	UP TO 3000 PSI	UP TO 3000 PSI	UP TO 3000 PSI	UP TO 3000 PSI
FLOW RATE	UP TO 7 GPM	UP TO 7 GPM	UP TO 14 GPM	UP TO 14 GPM
CONTROL VALVE	ADJUSTABLE INTERNAL RELIEF, 3000 PSI	ADJUSTABLE INTERNAL RELIEF, 3000 PSI	ADJUSTABLE INTERNAL RELIEF, 3000 PSI	ADJUSTABLE INTERNAL RELIEF, 3000 PSI
SUCTION PORT	FEMALE JIC-12	FEMALE JIC-12	FEMALE JIC-16	FEMALE JIC-16
PRESSURE PORT	FEMALE JIC-10	FEMALE JIC-10	FEMALE JIC-12	FEMALE JIC-12
CURRENT RATING	UP TO 350A @ 45VDC	UP TO 350A @ 45VDC	UP TO 350A @ 45VDC	UP TO 350A @ 45VDC
TECHNICAL SPEC	[1] 48VDC 5KW BATTERY	[1] 48VDC 7KW BATTERY	[2] 48VDC 5KW BATTERY	[2] 48VDC 7KW BATTERY
BMS	INTEGRATED	INTEGRATED	INTEGRATED	INTEGRATED
OPERATING TEMP	-4F TO +158F/-20C TO +70C	-4F TO +158F/-20C TO +70C	-4F TO +158F/-20C TO +70C	-4F TO +158F/-20C TO +70C
IPX RATING	IP66 + PRESSURE WASH	IP66 + PRESSURE WASH	IP66 + PRESSURE WASH	IP66 + PRESSURE WASH
RECHARGE TIME	4 HOURS	6 HOURS	8 HOURS	12 HOURS
2000W CHARGER	2 HOURS	3 HOURS	4 HOURS	6 HOURS
LENGTH	28"	28"	43"	43"
WIDTH	24"	24"	24"	24"
HEIGHT	19"	19"	19"	19"
WEIGHT	285 LBS	295 LBS	457 LBS	477 LBS

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DISCLAIMER: Specifications are believed to be correct, but may contain errors and/or omissions. Pictures are representative and may not be identical.