



EQUIPMENT USE CASES - FILM INDUSTRY



CleanGen J250 250 kWh, 100 kVa, 100 kW (up to 150 kW for quick peaks) mobile battery system that runs on 208v 3 phase with 900 amps across the 3 legs (277 per leg)

This unit is perfect for basecamp, overnight power needs, lighting needs, and has even been used for locations to run AC units or lighting. The great aspect of this system is that it has the capability to run in hybrid mode with a diesel generator for recharging (and for live events, can act as a backup UPS for redundancy) - when doing this we typically see up to 40% in fuel savings and less carbon emitted. In general, this unit can recharge with a 208v 3 phase camlock source with enough amperage, outside of a diesel generator we've seen shows recharge off their stages and we've even recharged the unit with our 600 kWh mobile battery system.

Another benefit is that some diesel generator rental companies charge fees for maintenance (based off the number of hours the unit is run) or hourly use fees, so this unit helps to cut back in those areas as well.



600 kWh Mobile Battery System - 600 kWh (550 kWh usable) with ability to switch voltages, 300 amps max.

We've found the sweet spot for this unit to be smaller basecamp needs, or overnight power, although it has been used for some smaller lighting needs. Productions have used this to power craft service and camera trucks overnight for several days on location - this was perfect since it helped them avoid having to bring their trucks back to stages at night to accomplish this, in a noise sensitive neighborhood.



L2D2 Dual Level 2 EV Charging Unit and L3D3 Level 3 Charging Units

It's common for shows to have electric vehicles, even if they are not necessarily renting them for production, producers or actors will have EVs, or there are oftentimes electric picture cars. These units can camlock right to one of our battery systems, stages (if it has this type of power), or even a diesel generator and provide EV charging on the go.

The L3D3 Level 3 charging unit is quite unique as unlike other level 3 chargers that only work off of 480v power, this can work with 208v or 240v, and as long as there is enough available amperage, charge at up to 60 kW. We used the L3D3 to charge an electric boat at the marina between shots during our production.



NUE Suncase 3651 - 5 kWh Pelican Case Battery Unit

These have been really popular for misc power needs, for example we've had shows take them out to run smaller lights like the Aputure lights and Nanlux lights, or even construction dept for power tools. They're small and portable and can fit in the trunk or the back seat of a car. We've also had shows use them at basecamp to power Starlink Wifi, craft services needs, and even GloBug Lights.



e-PLT Battery Light Tower Units

The perfect sustainable alternative to GloBug lights (which are oftentimes powered with a fume putt putt generator that requires gasoline) - these last for up to 16 hours on a charge and plug into a regular household outlet to recharge back up. Perfect for set, basecamp, around craft services/catering areas, etc.

EQUIPMENT USE CASES - SET LIGHTING



CleanGen J250 Mobile Battery System

Specs: 250 kWh | 100 kVA / 100 kW (150 kW peak) | 208V 3-phase | 900A total (277A/leg), 14,500 lbs w/ trailer

Perfect for lighting applications and on-location shoots. Quietly powered the below lights on a set in Beverly Hills for 12 hours:

Unit	Quantity	Wattage	Voltage	Amperage	Total Amperage
Fiilex Q10	2	900	120	7.50	15.00
Fiilex Q8	4	320	120	2.67	10.67
Fiilex Q5	4	175	120	1.46	5.83
Fiilex Q3	4	90	120	0.75	3.00
Fiilex G6	2	175	120	1.46	2.92
Fiilex G3	2	90	120	0.75	1.50
Fiilex (3	2	90	120	0.75	1.50
Arri S360	2	1500	120	12.50	25.00
Vortex V8	6	650	120	5.42	32.50
Vortex V4	2	325	120	2.71	5.42
Kino Freestyles	10	150	120	1.25	12.50
Titan Chragers	2	528	120	4.40	8.80
EOS Console	1		120	0.00	0.00
Stardust TX	2		120	0.00	0.00
					124.63

Example: powered an Arri M90, Nanlux 5000B, and Aputure XT26 for 13 hours continuously. Also runs Softsun and Lightning Strikes lights with ease. For remote setups, such as powering an 18K placed far from set, the J250 delivers reliable output while saving on fuel and maintenance costs. One operator remarked he saved around \$300 in fuel alone for an overnight shoot, and was able to save on the maintenance costs and environmental fees that some diesel generator vendors charge.



600 kWh Mobile Battery System

Specs: 600 kWh (550 kWh usable) | 300A max | Switchable voltage, 12,500 lbs w/ trailer

Designed for long-duration lighting or smaller loads on remote shoots.

In Santa Clarita, this unit powered multiple 4Ks and a 2K for over 40 hours. Ran a 12K light for 30+ hours straight. Supported six shoot days powering a mix of 2× M40s, 4× SkyPanel X21s, 2× 2400Bs, and Vortex 8s—no battery swap needed.

With a step-down transformer, powered an M90, M40, and Nanlux 5000B for 23 hours. Quiet, efficient, and ideal for extended shoots without access to grid power.



NUE Suncase 3651 Portable Battery

Specs: 5 kWh | 2× 120V 20A outlets (2400W each, 3600W total max) | DC output option, 123 lbs

Compact and powerful for smaller or mobile lighting setups. Commonly used with Nanlux and Aputure lights.

Example: powered Aputure 1200D, 600X, and Amaran F22 in short bursts on set—lightweight and efficient.

Can also deliver DC power directly for compatible fixtures.

Additional Benefits of Battery Systems for Lighting

- No load balancing required (unlike diesel generators).
- Silent and zero-emission, ideal for noise-sensitive or restricted neighborhoods.
- Extended shoot times in areas with filming curfews—gaffers report easier prep and wrap times.
- Enables peak shaving: charge during off-peak hours and power your set during peak times to cut energy costs.