

# LEMON FLEX

## ALL-IN-ONE HYBRID POWER CUBE

- Custom all in one power cube
- Fully flexible to your needs
- Made in the UK
- Lemon Energy Stackable Batteries 15-180kWhs
- Victron Energy Inverter Systems 10-90KVA
- Single and Three Phase options
- Hybrid with diesel generator option 5-30KVA
- AC attached solar up to matched inverter power
- DC attached solar option 5-69kW charging
- Power connections customisable to application
- Small 1m\*2m footprint
- Can be ordered as trailer mounted version



SPECIFICATION	10-8-11-30	20-8-22-60	30-8-11-60
Inverter Power	10kVA	20kVA (2x10kVA)	30kVA(3x10kVA)
Voltage	230/1p	230/1p	415/3p or 230/1p
Max Current Pass-through	100A	200A	100A/300A
Max Continuous Current, Gen+Inverter	59A	94A	59A/128A
Max Continuous Power, Gen+Inverter	13500w	21500w	29500w
Battery Chemistry	liFePO4	liFePO4	liFePO4
Battery Capacity	30kWh	60kWh	60kWh
Run time at Max Output, Gen+Inverter	3.75h	3.75h	2.5h
Generator Capacity	8kVA	8kVA	8kVA
Run time at continuous 5kW output before refuelling est.	33 hours	39 hours	39 hours
Power Connectors	63A, 32A, 16Ax2	125A, 63A, 32A,16A	125A,63A,32A,16A
Fuel Type	Diesel/HVO	Diesel/HVO	Diesel/HVO
Fuel Capacity	25L	25L	25L
Fuel Run Time	25 hours	25 hours	25 hours
Max PV Charge/Output Power	11.5kW	23kW	11.8kW
Number of MPPT Trackers	4	8	4
Max PV Power per tracker / Charge per tracker	7200W/4000W	7200W/4000W	7200W/4000W
Max PV Input Power	28.8kW	57.6kW	28.8kW
Max PV DC Voltage	450V	450V	450V
Max Current Per Tracker	16A	16A	16A
Data Connectivity	4G, Wi-Fi & Ethernet	4G, Wi-Fi & Ethernet	4G, Wi-Fi & Ethernet
Dimensions L*W*H	2m*1m*1.35m	2m*1m*1.35m	2m*1m*1.35m
Weight	1300kg	1600kg	1600kg
Operating Temperatures	-10°C~40°C	-10°C~40°C	-10°C~40°C