



⚡AFE

Pack Level + Cabinet
Level Fire Extinguisher

RUGGED

IP54 to Withstand
Harsh Conditions

⚡UPERIOR

Proprietary Active
Balance

⚡CALABLE

Scalable From
128 to 3856 kWh

RELIABLE

Compatible with
Major PCS Brand

⚡MART

Remote Access
Via Your Phone

Model	CIES-128K	CIES-144K	CIES-160K	CIES-176K	CIES-192K	CIES-208K	CIES-225K	CIES-241K
-------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------

Performance

Nominal Voltage (Vdc)	409.6	460.8	512	563.2	614.4	665.6	716.8	768
Operating Voltage (Vdc)	332.8-454.4	374.4-511.2	416-568	457.6-624.8	499.2-681.6	540.8-738.4	582.4-795.2	624-852
Nominal Capacity (Ah)	314							
Battery Energy (kWh)	128	144	160	176	192	208	225	241
Charge Current (A)	120							
Charge Power (kW)	65.54	73.73	81.92	90.11	98.3	106.5	114.69	122.88
Discharge Current (A)	160							
Discharge Power (kW)	65.54	73.73	81.92	90.11	98.3	106.5	114.69	122.88

Communication

Display	7 inch (16:9) Touch Screen							
Communication	CAN							

General Specification

Dimension (WxDxH mm)	1260×1160×2325							
Weight (kg)	1314	1432	1550	1668	1786	1904	2022	2140
Installation	Floor Stand							
Operating Temperature	Charge: 0~55°C / Discharge: -20°C ~ 55°C							
Operating / Storage Humidity	≤95% RH							
Max Operating Altitude	≤2000 m							
IP Rating	IP54							
Cell Technology	LiFePO ₄ , Lithium Iron Phosphate							
Cycle Life	8000 Cycles @ 80% DoD / 25 °C / 0.5C, 60% EOL							
Scalability	Max 16 CIES In Parallel(Level 3 Parallel Box Needed)							

Standard Compliance(more available upon request)

Certificates	CE, UN38.3							
--------------	------------	--	--	--	--	--	--	--

Ordering and Deliverable Part

Product Ordering Part	CIES-128K / CIES-144K / CIES-160K / CIES-176K CIES-192K / CIES-208K / CIES-225K / CIES-241K Level 3 Parallel Box							
-----------------------	--	--	--	--	--	--	--	--