

# LIGHT COMMERCIAL

IES-BATT-61.44 (20.48~61.44kWh)



### More Usable Energy

Deep cycle DOD control



### Flexible Investment

5.12kWh modular design,  
max 12 modules per stack,  
4 stacks per parallel



### Easy Installation

Quick plug design, easy wiring



### Safe & Reliable

Cobalt Free Lithium Iron Phosphate  
(LFP) 6000 cycles



### Quick Commissioning

One button ON/OFF,  
automatic ID assignment



### Perfect Compatibility

Compatible with Major  
PCS Brands

Model	IES-BATT -20.48	IES-BATT -25.60	IES-BATT -30.72	IES-BATT -35.84	IES-BATT -40.96	IES-BATT -46.08	IES-BATT -51.20	IES-BATT -56.32	IES-BATT -61.44
Cell Technology	LPF (LiFePO4)								
Number Of Modules	4	5	6	7	8	9	10	11	12
Battery Usable Energy [1]	20.48 kWh	25.6 kWh	30.72 kWh	35.84 kWh	40.96 kWh	46.08 kWh	51.2 kWh	56.32 kWh	61.44 kWh
Nominal Voltage	204.8 V	256 V	307.2 V	358.4 V	409.6 V	460.8 V	512 V	563.2 V	614.4 V
Operating Voltage	179.2 - 224.64 V	224.0 - 280.80 V	268.8 - 336.96 V	313.6 - 393.12 V	358.4 - 449.28 V	403.2 - 505.44 V	448.0 - 561.60 V	492.8 - 617.76 V	537.6 - 673.92 V
Max. Charge And Discharge Current [2]	100A								
<b>COMMUNICATION</b>									
Display	3.5 inch Display								
Communication	CAN / RS485 / RS232								
WIFI Monitoring	Remote Monitoring / Setting / Firmware Updating								
<b>GENERAL SPECIFICATION</b>									
Dimension (WxDxH)	566 × 630 × 2220 mm   22.3 × 24.8 × 87.4 inch								
Weight	327.5 kg (722.0 lbs)	370.5 kg (816.8lbs)	413.5 kg (911.61bs)	456.5 kg (1006.4lbs)	499.5 kg (1101.2lbs)	542.5 kg (1196.0lbs)	585.5 kg (1290.8lbs)	628.5 kg (1385.6lbs)	671.5 kg (1480.4lbs)
Installation	Floor stand								
Operating Temperature [3]	Charge : 0 to 50°C (32 to 122°F) Discharge: -15 to 50°C (5 to 122°F)								
Environmental Humidity	≤ 95%RH (No Condensation)								
Ingress Protection Rating	IP 20								
Cycle life [4]	6000 Cycles or ten (10) years@ 80% DOD / 25°C/ 0.5C, 70% EOL								
Scalability	Max 12 Modules Per Stack, 4 Stacks in Parallel								
Application	ON Grid / ON Grid + Backup / OFF grid								
Compatible Inverters	Deye and Sunsynk								
<b>STANDARD COMPLIANCE</b>									
Compliance	UN38.3/ IEC62619 / 1EC62040-1 / 1EC61000-6-2/ 1EC61000-6-4/ IEC62477-1 (More available upon request)								

[1] Test conditions: 100% depth of discharge (DOD), 0.2C rate charge & discharge at 25°C.

[2] There is 05C or 1C configurations optional in factory default.

[3] Charge/discharge derating occurs when the temperature is below 0°C or above 45°C.

[4] Please refer to the Warranty Letter for applicable conditions, the warranty is due whichever comes first.