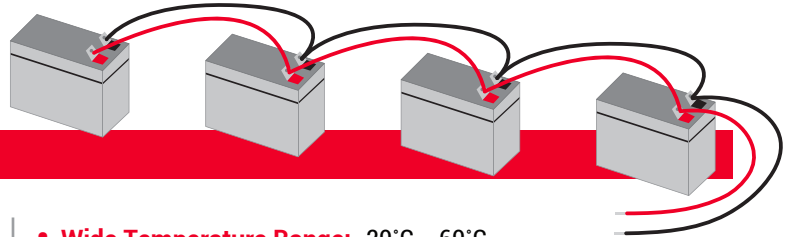


SERIES PARALLEL (SP)

Our NEW Flexible LiFePO₄ Product Line

Allows for up to 4 in series and 4 in parallel



FEATURES

- **Longer Cycle Life:** Offers up to 10 times longer cycle life and longer float/calendar life than lead acid battery, helping to minimize replacement cost and reduce total cost of ownership.
- **Lighter Weight:** About 40% of the weight of a comparable lead acid battery. A "drop in" replacement for lead acid batteries.
- **Higher Power:** Delivers twice the power of a lead acid battery, even at high discharge rate, while maintaining high energy capacity.
- **Wide Temperature Range:** -20°C ~ 60°C
- **Superior Safety:** Lithium Iron Phosphate chemistry eliminates the risk of explosion or combustion due to high impact, overcharging or short circuit.
- **Increased Flexibility:** Modular design enables deployment of up to four batteries in series and up to four batteries in parallel.
- **Optional Extended Functions:** Power Switch, SoC indicator, USB, CAN Bus, Bluetooth, SMB, RS485, RS232, I²C communications.



PCLFP25-25.6SP

VOLTAGE: 25.6 V	
AMP HOUR: 25Ah @ 0.5C	
ENERGY: 640 Wh	
MAX CONTINUOUS DISCHARGE CURRENT: 30 A	
DISCHARGE CUTOFF: 20 V	
CHARGE VOLTAGE: 28.8 ± 0.2 V	
MAX CHARGE CURRENT: 25 A	
OPERATING TEMP	CHARGE: 0°C ~ 55°C DISCHARGE: -20°C ~ 60°C
LENGTH (mm): 197 (+/-1)	
WIDTH (mm): 165 (+/-1)	
HEIGHT (mm): 169 (+/-1)	
APPROX. WEIGHT: 5.3 kg	
TERMINAL TYPE: M6	
RECOMMENDED OR MATCHING CHARGER: Contact ZEUS	

PCLFP25-51.2SP

VOLTAGE: 51.2 V	
AMP HOUR: 25Ah @ 0.5C	
ENERGY: 1280 Wh	
MAX CONTINUOUS DISCHARGE CURRENT: 30 A	
DISCHARGE CUTOFF: 40 V	
CHARGE VOLTAGE: 57.6 ± 0.2 V	
MAX CHARGE CURRENT: 20 A	
OPERATING TEMP	CHARGE: 0°C ~ 55°C DISCHARGE: -20°C ~ 60°C
LENGTH (mm): 330 (+/-1)	
WIDTH (mm): 173 (+/-1)	
HEIGHT (mm): 216 (+/-1)	
APPROX. WEIGHT: 12 kg	
TERMINAL TYPE: M8	
RECOMMENDED OR MATCHING CHARGER: Contact ZEUS	

PCLFP50-25.6SP

VOLTAGE: 25.6 V	
AMP HOUR: 50Ah @ 0.5C	
ENERGY: 1280 Wh	
MAX CONTINUOUS DISCHARGE CURRENT: 50 A	
DISCHARGE CUTOFF: 20 V	
CHARGE VOLTAGE: 28.8 ± 0.2 V	
MAX CHARGE CURRENT: 50 A	
OPERATING TEMP	CHARGE: 0°C ~ 55°C DISCHARGE: -20°C ~ 60°C
LENGTH (mm): 330 (+/-1)	
WIDTH (mm): 173 (+/-1)	
HEIGHT (mm): 216 (+/-1)	
APPROX. WEIGHT: 11 kg	
TERMINAL TYPE: M8	
RECOMMENDED OR MATCHING CHARGER: Contact ZEUS	

PCLFP50-51.2SP

VOLTAGE: 51.2 V	
AMP HOUR: 50Ah @ 0.5C	
ENERGY: 2560 Wh	
MAX CONTINUOUS DISCHARGE CURRENT: 50 A	
DISCHARGE CUTOFF: 40 V	
CHARGE VOLTAGE: 57.6 ± 0.2 V	
MAX CHARGE CURRENT: 40 A	
OPERATING TEMP	CHARGE: 0°C ~ 55°C DISCHARGE: -20°C ~ 60°C
LENGTH (mm): 521 (+/-1)	
WIDTH (mm): 238 (+/-1)	
HEIGHT (mm): 218 (+/-1)	
APPROX. WEIGHT: 23 kg	
TERMINAL TYPE: M8	
RECOMMENDED OR MATCHING CHARGER: Contact ZEUS	



PCLFP8-12.8SP

VOLTAGE: 12.8 V	
AMP HOUR: 8 AH	
ENERGY: 102.4 Wh	
MAX CONTINUOUS DISCHARGE CURRENT: 15 A	
DISCHARGE CUTOFF: ~9 V	
CHARGE VOLTAGE: 14.4 ± 0.2 V	
MAX CHARGE CURRENT: 8 A	
OPERATING TEMP	CHARGE: 0°C ~ 55°C DISCHARGE: -20°C ~ 60°C
LENGTH (mm): 151 (+/-1)	
WIDTH (mm): 65 (+/-1)	
HEIGHT (mm): 91 (+/-1)	
APPROX. WEIGHT: 0.95 kg	
TERMINAL TYPE: F1 & F2	
RECOMMENDED OR MATCHING LiFePO ₄ CHARGER: PCCG-LFP14.4V2A	

PCLFP12-12.8SP

VOLTAGE: 12.8 V	
AMP HOUR: 12 AH	
ENERGY: 153.6 Wh	
MAX CONTINUOUS DISCHARGE CURRENT: 20 A	
DISCHARGE CUTOFF: ~9 V	
CHARGE VOLTAGE: 14.4 ± 0.2 V	
MAX CHARGE CURRENT: 12 A	
OPERATING TEMP	CHARGE: 0°C ~ 55°C DISCHARGE: -20°C ~ 60°C
LENGTH (mm): 151 (+/-1)	
WIDTH (mm): 98 (+/-1)	
HEIGHT (mm): 95 (+/-1)	
APPROX. WEIGHT: 1.7 kg	
TERMINAL TYPE: F1 & F2	
RECOMMENDED OR MATCHING LiFePO ₄ CHARGER: PCCG-LFP14.4V2A or PCCG-LFP14.4V5A	

PCLFP20-12.8SP

VOLTAGE: 12.8 V	
AMP HOUR: 20 AH	
ENERGY: 256 Wh	
MAX CONTINUOUS DISCHARGE CURRENT: 20 A	
DISCHARGE CUTOFF: ~9 V	
CHARGE VOLTAGE: 14.4 ± 0.2 V	
MAX CHARGE CURRENT: 20 A	
OPERATING TEMP	CHARGE: 0°C ~ 55°C DISCHARGE: -20°C ~ 60°C
LENGTH (mm): 181 (+/-1)	
WIDTH (mm): 77 (+/-1)	
HEIGHT (mm): 168 (+/-1)	
APPROX. WEIGHT: 2.3 kg	
TERMINAL TYPE: M5	
RECOMMENDED OR MATCHING LiFePO ₄ CHARGER: PCCG-LFP14.4V5A or PCCGLFP14.4V10A	

PCLFP35-12.8SP

VOLTAGE: 12.8 V	
AMP HOUR: 35 AH	
ENERGY: 448 Wh	
MAX CONTINUOUS DISCHARGE CURRENT: 40 A	
DISCHARGE CUTOFF: ~9 V	
CHARGE VOLTAGE: 14.4 ± 0.2 V	
MAX CHARGE CURRENT: 35 A	
OPERATING TEMP	CHARGE: 0°C ~ 55°C DISCHARGE: -20°C ~ 60°C
LENGTH (mm): 194 (+/-1)	
WIDTH (mm): 132 (+/-1)	
HEIGHT (mm): 173 (+/-1)	
APPROX. WEIGHT: 4.3 kg	
TERMINAL TYPE: M6	
RECOMMENDED OR MATCHING LiFePO ₄ CHARGER: PCCG-LFP14.4V10A or PCCG-LFP14.4V15A	



PCLFP50-12.8SP

VOLTAGE: 12.8 V	
AMP HOUR: 50 AH	
ENERGY: 640 Wh	
MAX CONTINUOUS DISCHARGE CURRENT: 50 A	
DISCHARGE CUTOFF: ~9 V	
CHARGE VOLTAGE: 14.4 ± 0.2 V	
MAX CHARGE CURRENT: 50 A	
OPERATING TEMP	CHARGE: 0°C ~ 55°C DISCHARGE: -20°C ~ 60°C
LENGTH (mm): 197 (+/-1)	
WIDTH (mm): 165 (+/-1)	
HEIGHT (mm): 169 (+/-1)	
APPROX. WEIGHT: 5.3 kg	
TERMINAL TYPE: M6	
RECOMMENDED OR MATCHING LiFePO ₄ CHARGER: PCCG-LFP14.4V10A or PCCG-LFP14.4V15A	

PCLFP60-12.8SP

VOLTAGE: 12.8 V	
AMP HOUR: 60 AH	
ENERGY: 768 Wh	
MAX CONTINUOUS DISCHARGE CURRENT: 50 A	
DISCHARGE CUTOFF: ~9 V	
CHARGE VOLTAGE: 14.4 ± 0.2 V	
MAX CHARGE CURRENT: 50 A	
OPERATING TEMP	CHARGE: 0°C ~ 55°C DISCHARGE: -20°C ~ 60°C
LENGTH (mm): 230 (+/-1)	
WIDTH (mm): 138 (+/-1)	
HEIGHT (mm): 208 (+/-1)	
APPROX. WEIGHT: 7.0 kg	
TERMINAL TYPE: M8	
RECOMMENDED OR MATCHING LiFePO ₄ CHARGER: PCCG-LFP14.4V10A or PCCG-LFP14.4V15A	

PCLFP75-12.8SP

VOLTAGE: 12.8 V	
AMP HOUR: 75 AH	
ENERGY: 960 Wh	
MAX CONTINUOUS DISCHARGE CURRENT: 80 A	
DISCHARGE CUTOFF: ~9 V	
CHARGE VOLTAGE: 14.4 ± 0.2 V	
MAX CHARGE CURRENT: 75 A	
OPERATING TEMP	CHARGE: 0°C ~ 55°C DISCHARGE: -20°C ~ 60°C
LENGTH (mm): 260 (+/-1)	
WIDTH (mm): 170 (+/-1)	
HEIGHT (mm): 208 (+/-1)	
APPROX. WEIGHT: 8.6 kg	
TERMINAL TYPE: M8	
RECOMMENDED OR MATCHING LiFePO ₄ CHARGER: PCCG-LFP14.4V10A or PCCG-LFP14.4V15A	

PCLFP100-12.8SP

VOLTAGE: 12.8 V	
AMP HOUR: 100 AH	
ENERGY: 1280 Wh	
MAX CONTINUOUS DISCHARGE CURRENT: 100 A	
DISCHARGE CUTOFF: ~9 V	
CHARGE VOLTAGE: 14.4 ± 0.2 V	
MAX CHARGE CURRENT: 100 A	
OPERATING TEMP	CHARGE: 0°C ~ 55°C DISCHARGE: -20°C ~ 60°C
LENGTH (mm): 330 (+/-1)	
WIDTH (mm): 173 (+/-1)	
HEIGHT (mm): 216 (+/-1)	
APPROX. WEIGHT: 11.0 kg	
TERMINAL TYPE: M8	
RECOMMENDED OR MATCHING LiFePO ₄ CHARGER: PCCG-LFP14.4V10A or PCCG-LFP14.4V15A	