

Battery Specifications	KMD-PL4850	KMD-PL48100	KMD-PL48150	KMD-PL48200
<b>Electrical</b>				
Nominal Voltage	48V/51.2V			
Energy Capacity	50Ah(2.5KWH)	100Ah(5KWH)	150Ah(7.5KWH)	200Ah(10KWH)
Battery Type	LFP(LiFePO4)			
Depth Of Discharge (DoD)	95%			
<b>Operation</b>				
Max. Charging Current	30A @25°C	90A @25°C	90A @25°C	90A @25°C
Max. Discharging Current	50A @25°C	120A @25°C	120A @25°C	120A @25°C
Operating Temperature Range	0°C ~ +50°C(Charging)/- 20°C ~ +60°C(Discharging)			
Storage Temperature Range	-30°C ~ +60°C			
Humidity	5%~ 95%			
<b>Bms</b>				
Modules Connection	Max 15 Batteries In Parallel			
Power Consumption	<2 W			
Communication	RS485/RS232/CAN(Optional)			
<b>Physical</b>				
Dimensions ( L x W x H)(mm)	464*330*160	547*461*163	510*445*208	547*471*248
Dimensions(With Wheels)	469*330*160	552*461*163	515*445*208	552*471*248
Weight	30KGS	45KGS	65KGS	89KGS
Weight(With Wheels)	31KGS	46KGS	66KGS	90KGS
Option	Wheels			
Ingress Protection Rating	IP20			
Cycle life	Around 6000 Times			
Warranty	5 Years Product Warranty, 10 Years Design Life Warranty			
<b>Certificate</b>				
Certificate	CE/UN38.3/MSDS			