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# 各種蓄電池システム

「セル3.2V(Li-FePo4)」搭載

家庭用蓄電池

## その他の通信用蓄電池システム

[48V 5~25Ah]

Model Name	LFPS-4805	LFPS-4810	LFPS-4820	LFPM-4825
Energy [KWh]	0.24	0.48	0.96	1.2
Rated Capacity	5Ah (15S1P) (@0.2C, Discharge 5hr)	10Ah (15S2P) (@0.2C, Discharge 5hr)	20Ah (15S4P) (@0.2C, Discharge 5hr)	25Ah (15S5P) (@0.2C, Discharge 5hr)
Rated Voltage	48V(Cell Voltage 3.2V)	48V(Cell Voltage 3.2V)	48V(Cell Voltage 3.2V)	48V(Cell Voltage 3.2V)
End of Discharge Voltage	42V(Cell Voltage 2.8V)	42V(Cell Voltage 2.8V)	42V(Cell Voltage 2.8V)	42V(Cell Voltage 2.8V)
Floating Charge Voltage	53.5V(Cell Voltage 3.56V)	53.5V(Cell Voltage 3.56V)	53.5V(Cell Voltage 3.56V)	53.5V(Cell Voltage 3.56V)
End of Charge Current	0.01C (0.05A)	0.01C (0.1A)	0.01C (0.2A)	0.01C (0.25A)
Standard Charge Current	0.2C (1.0A)	0.2C (2.0A)	0.2C (4.0A)	0.2C (5.0A)
Max Discharge Current	3.0C (15A)	3.0C (30A)	3.0C (60A)	1.0C (25A)
Operating Temperature	Charge: -5 ~ 90°C Discharge: -30 ~ 90°C			
Shape				
Structure	Outdoor pole mount type, IP54			Outdoor pole mount type, IP65
Communication	CAN, RS-485			CAN x 2
Function	Heater			
Protection	OVP, UVP, OC, HT, LT			
Dimension(mm)	W:220 x D:145 x H:380	W:220 x D:145 x H:380	W:290 x D:145 x H:455	W:300 x D:120 x H:431
Weight	8.9±0.3Kg	11.2±0.3Kg	15.7±0.3Kg	18.9±0.3Kg
Energy Density(Wh/L)	19.8	39.6	50.18	77.34

# その他の通信用蓄電池システム

[48V 300Ah] 小型基地局 非常電源用

Item	Specification	Remark	Reference
Energy(KWh)	14.4		
Typical Capacity(Ah)	300	25°C 0.5C discharge	
Rated Voltage(V)	48		
Standard Charge Voltage(V)	52.5~53.5	Voltage per Cell 3.55V	
Standard End Voltage(V)	42	Voltage per Cell 2.80V	
Standard Charge Current(A)	30	0.1C ( Limited Charge )	
Maximum Discharge Current(A)	300	1.0C	
Communications	CAN		
Temperature Range of Charge(°C)	0~55		
Temperature Range of Discharge(°C)	-20~60		
Dimensions (WxDxH) (mm)			
Weight (kg)			
Safety	SPS-KBIA-10104-01 Standard		
Performance	SPS-KBIA-10104-02 Standard		



# その他の通信用蓄電池システム

[48V 600Ah] 中小型基地局非常電源用

Item	Specification	Remark	Reference
Energy(KWh)	28.8		
Typical Capacity(Ah)	600	25°C 0.5C discharge	
Rated Voltage(V)	48		
Standard Charge Voltage(V)	53.5	Voltage per Cell 3.55V	
Standard End Voltage(V)	42	Voltage per Cell 2.80V	
Standard Charge Current(A)	120	0.2C	
Maximum Discharge Current(A)	1200	2.0C	
Communications	CAN		
Temperature Range of Charge(°C)	0~55		
Temperature Range of Discharge(°C)	-20~60		
Dimensions (WxDxH) (mm)	900 x 1000 x 1900		
Weight (kg)	765		
Safety	SPS-KBIA-10104-01 Standard		
Performance	SPS-KBIA-10104-02 Standard		



## その他の通信用蓄電池システム

[48V 900Ah] 無線中継器 & 中小型基地局非常電源用  
多様な中小型通信室の非常電源用  
各種ユーティリティ非常電源供給用

Item	Specification	Remark	Reference
Energy(KWh)	43.2		
Typical Capacity(Ah)	900	25°C 0.5C discharge	
Rated Voltage(V)	48		
Standard Charge Voltage(V)	52.5~53.5	Voltage per Cell 3.55V	
Standard End Voltage(V)	42	Voltage per Cell 2.80V	
Standard Charge Current(A)	180	0.2C	
Maximum Discharge Current(A)	1800	2.0C	
Communications	CAN		
Temperature Range of Charge(°C)	0~55		
Temperature Range of Discharge(°C)	-20~60		
Dimensions (WxDxH) (mm)	900 x 1000 x 1900		
Weight (kg)	765		
Safety	SPS-KBIA-10104-01 Standard		
Performance	SPS-KBIA-10104-02 Standard		



# その他の通信用蓄電池システム

[384V 100Ah(4C)] IDC非常電源用

Item	Parameters	Remark	Reference
Model	LFPR-384100	120S1P	
Rated Voltage(V)	384		
Typical Capacity(Ah)	100	20°C 0.2C DCH, EOVS 336V	
Typical Capacity(kWh)	38.4	20°C 0.2C DCH, EOVS 336V	
Standard Charge Voltage(V)	426.0	Voltage per Cell 3.55V	
Standard Charge Current(A)	50	0.5C	
Standard Discharge Current(A)	300	3.0C	
Maximum Charge Current(A)	100	1.0C	
Maximum Discharge Current(A)	300 400	3.0C 15min 4.0C 1min	
Communications	ETHERNET	TCP/IP, SNMP	
Display	LED	TBD	
Debug	RS-232	TBD	
Temperature Range(°C)	-30~60		
Dimensions (mm)	700 x 700 x 2300	Competitor Product Size	
Weight (kg)	TBD		

