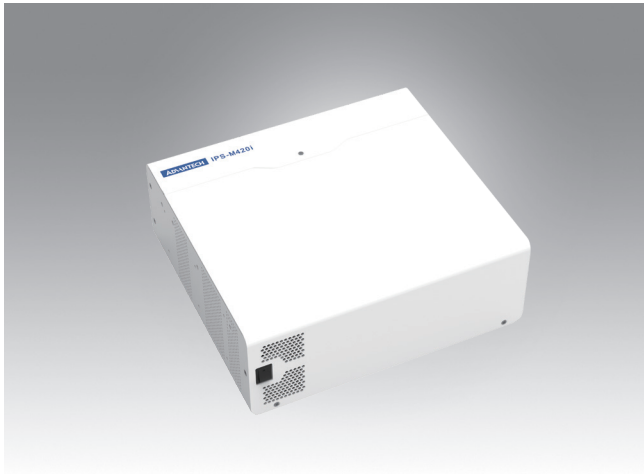


iPS-M420P

400 Wh Intelligent Power Storage System



Features

- Contains environmentally-friendly, long lifecycle rechargeable batteries
- 220 W DC output for integration of various devices
- Fanless design for hospital environment
- Battery pack design for quick and easy maintenance
- 2 ports DC output with simultaneous power support
- Safety protection prevents against over charge and discharge
- "AMiS_Link" software solution for remote battery management



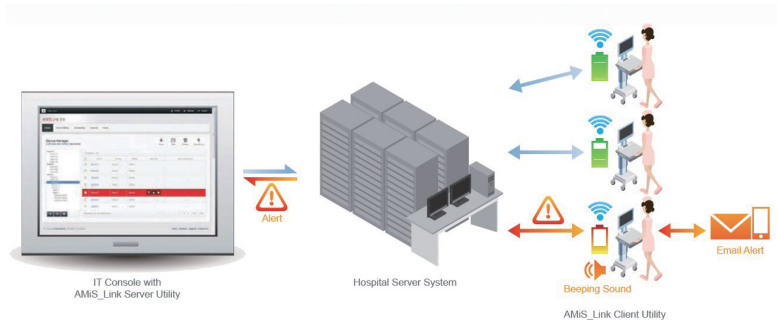
Specifications

Power Supply	Battery Type	Lithium-ion/LiFePO4
	Model Capacity	400 Wh (The maximum energy capacity will depends on the type of battery pack)
	Battery Lifespan	Capacity 80%, 2000 counts or 2 years (Depends on whichever occurs first)
	Charge Time	3hr.400Wh
	Input Voltage	100 ~ 240 V _{AC} , 50 ~ 60 Hz, Max 4.0A
	DC Output Voltage	System 1: 24V/19 V _{DC} , Max. 9.2 A System 2: 12 V _{DC} , Max. 5 A
I/O Ports	Charging Status Indicators	LEDs with continuous readout; intelligent software
	DC Output Interface	DC jack (4-pin locking mini-din connector)
	Communication Interface	RS-232
Environment	Vibration	5 ~ 500 Hz 1 G
	Operating Temperature	30° C
	Cooling System	Fanless
	Water Resistance	IP67 DC output connector
Physical Characteristics	Dimensions	282 x 260 x 101 mm (11.1" x 10.2" x 3.9")
	Weight	8.5 kg
Certifications	IEC 60601-1 Compliance, CE, FCC Class B Certified, CCC	

Power Management Software

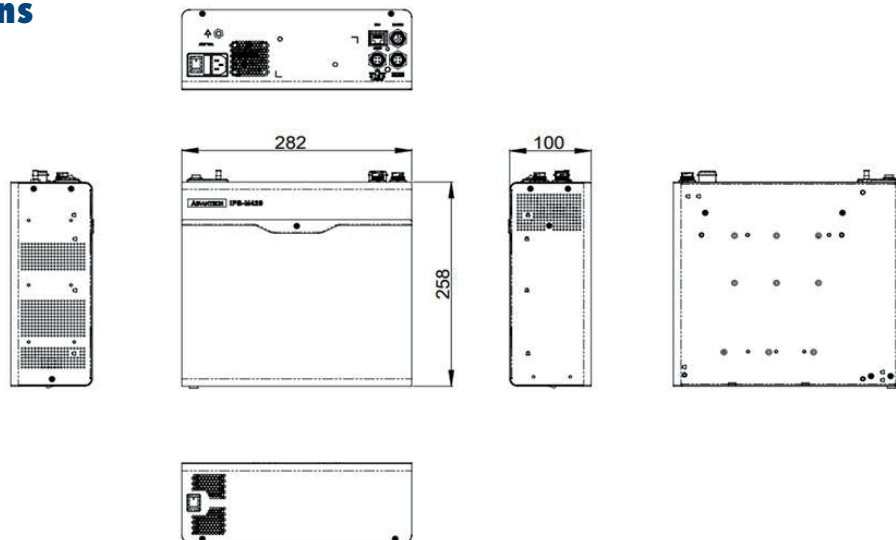
Device-on AMiS_Link	Capabilities	Battery capacity indicator Alerts (battery capacity, temperature) Battery life Cycle counts Report & log file Client installation & server installation (Optional) Multi-language support, including Traditional Chinese, Simplified Chinese, English
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AMiS_Link Software Solution for Remote Battery Management



Dimensions

Unit: mm



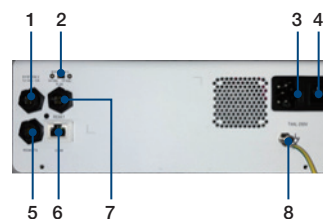
Ordering Information

Part Number	Cell Type	System Capacity	Lifecycle	Charge time	Weight	Remarks
IPS-M420-LID-PE	Li-ion	400Wh	Capacity 80%, 2000counts or 2 years	≤ 3hr.400Wh	10 kg	With Remoter/cables
IPS-M420A-LID-PE	Li-ion	400Wh	Capacity 80%, 2000counts or 2 years	≤ 3hr.400Wh	8.5 kg	For AMiS cart only
IPS-M420-LFE-PE	LiFePO4	400Wh	Capacity 80%, 2000counts or 2 years	≤ 3hr.400Wh	10.5kg	With Remoter/cables
IPS-M420A-LFE-PE	LiFePO4	400Wh	Capacity 80%, 2000counts or 2 years	≤ 3hr.400Wh	9kg	For AMiS cart only

Accessories

Part Number	Power Cord Type (Spiral)
1702002600	Power Cable (USA) 1.8 M
1702002605	Power Cable (Europe) 1.8 M
1700018704	Power Cord (UK) 1.8 M

Rear I/O



- System 2: 12 V_{DC}, 5 A
- System1 DCOut Switch for 24V/19V
- ACIn and AC On/Off switch
100 ~ 240 V_{AC} / F4A
- AC On/Off switch
- 6-pin remote control connector
- RJ-45 (to RS-232) connector
- System 1: 24/19 V_{DC}, 9.2A
- Ground pole

Packing List (Accessory)

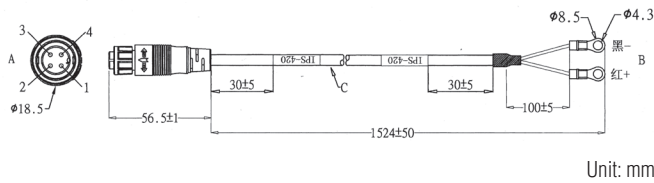
Part Number	Part Description	Quantity
1700020364-01	4-pin to Ring Terminal cable (150 cm)	1
1700020371-01	4-pin to DC Jack cable (180 cm)	1
IPS-REMT-00-AOE	6-pin remote control cable	1
1700019500	RJ-45 to RS-232 console cable (180 cm)	1
2190000902	2-year warranty card	1

Accessories



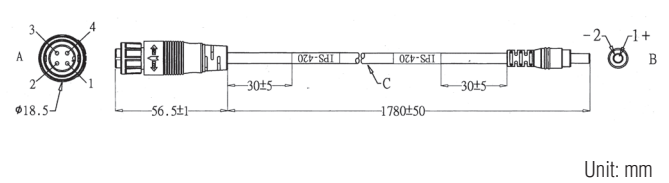
Part Number	9898871081E	9898871082E	IPS-REMT-00-AOE	The PCBA with case ordering information for 9898871081E		
Description	DC to DC Converter	DC to DC Converter	Battery Remote Control			
Remarks	<ul style="list-style-type: none"> Connector Type: 4-pin Input: 12 ~ 24 V, 8 ~ 3 A Output: <ul style="list-style-type: none"> Mode 1: 12 V, 6 A Mode 2: 16 V, 5 A Mode 3: 20 V, 4 A Mode 4: 24 V, 4 A 	<ul style="list-style-type: none"> Connector Type: 4-pin Input: 12 ~ 24 V, 12V/16A Output: <ul style="list-style-type: none"> Mode 1: 12 V, 12.5 A Mode 2: 16V, 10 A Mode 3: 19 V, 7.8 A Mode 4: 24 V, 6.25 A 	<ul style="list-style-type: none"> 10 level LED indicator to display battery status Waterproof cable with 180cm 	<ul style="list-style-type: none"> 1 9898871081E x1 ASS'Y PCM-8710 DC24V (81E) 2 1960053113N001 x1 BKT-Bottom Cover DC to DC 3 19330304A0 x1 PCBA Screw M3*4L RF/S 4 1960053114N001 x1 BKT-Top Cover DC to DC 5 2000022226-01 x1 LABEL DIP Switch Mapping 81E 6 1930001361 x4 Cover Screw M3x4L 		

Cable Information



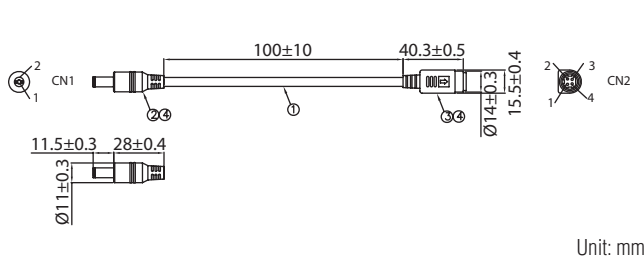
1700019666-01

4-pin to Ring Terminal cable (152 cm)



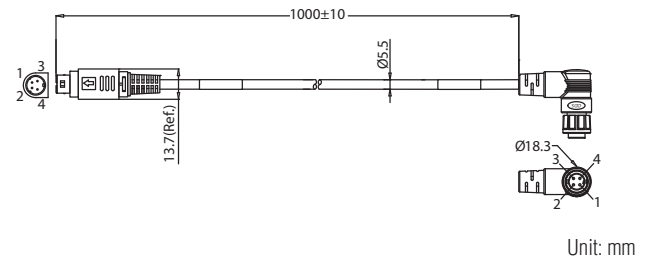
1700030760-01

4-pin to DC Jack cable (178 cm)



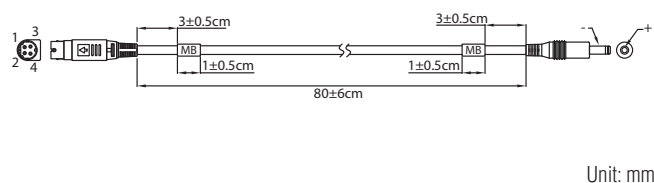
1700027393-01

M Cable M-DIN 4P(F)/DC Jack (10 cm)



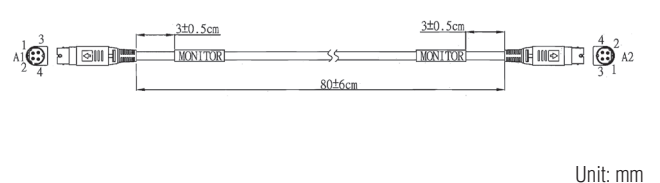
1700019486-11

4-pin to 4-pin DC Medical (180 cm)



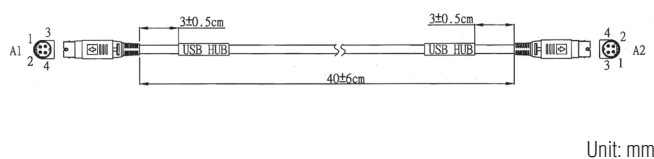
1700018916-21

4-pin to DC Jack (80 cm)



1700032295-01

4-pin to 4-pin (80 cm)



1700018921-11

4-pin to 4-pin (40 cm)



1960109611N001

183mm (L)*389mm (w)
0.5 kg