LIFEPAK® 12 Defibrillator/Monitor Series

Performance Inspection Procedure Checklist

Model # _____ **Department/Location** _____

Serial # _____ **Performed By** _____

Type of PIP: **Post-Repair** ☐ **Annual** ☐ **Date** _____

Inspection/Preparation		Pass	Fail	NA	Comments
A	**Physical Inspection (General)**	☐	☐	☐	
	Therapy Cable/Connector Condition	☐	☐	☐	
B	**Record User-Selected Manual Mode**	Access: _____			

Testing

1 Power On

a. Record software version that appears during Self-Test — Version: 3011371-_____

b. Confirm the Service indicator is off ☐ ☐ ☐

c. Confirm the device completes the Power On sequence ☐ ☐ ☐

2 Record Operating Data (optional)

Total Shocks		_____	Power Cycle Count	_____
360 J Shocks	☐	_____	Pacing Count (if installed)	_____
225-325 J Shocks	☐	_____	Shock Count	_____
0-200 J Shocks	☐	_____	Power On Time	_____
			Printer On Time	_____
			SpO2 Operating Time (if installed)	_____
			CO2 Operating Time (if installed)	_____
			NIBP Inflation Cycles (if installed)	_____
			Defib Storage Cap Value (if Monophasic)	_____

3 Keypads

Confirm all control text boxes are highlighted ☐ ☐ ☐

4 Printer

Confirm printed test strip and CHECK PRINTER message ☐ ☐ ☐

5 Audio

Confirm voice messages and tones are clear and not distorted ☐ ☐ ☐

6 Biphasic Energy Setting Test (N/A - for monophasic device)

Confirm lowest setting available for Energy 1 ☐ ☐ ☐

7 User Test

Confirm device passes User Test ☐ ☐ ☐

8 Time and Date

Confirm Time and Date are correct ☐ ☐ ☐

9 ECG Tests (12-lead or 3-lead ECG tests)

a. Confirm leads-off screen messages ☐ ☐ ☐

b. Record Lead I gain (tolerance 18 to 22 mm)* Measured Value _____ ☐
*(Test Equipment other then 215A/217A may have different output)

c. Record Lead II gain (tolerance 36 to 44 mm) Measured Value _____ ☐

d. Record Lead V1 gain (tolerance 36 to 44 mm) (N/A if 3-lead) Measured Value _____ ☐

e. Record Lead V2 gain (tolerance 36 to 44 mm) (N/A if 3-lead) Measured Value _____ ☐

f. Record Lead V3 gain (tolerance 36 to 44 mm) (N/A if 3-lead) Measured Value _____ ☐

g. Record Lead V4 gain (tolerance 36 to 44 mm) (N/A if 3-lead) Measured Value _____ ☐

Testing (continued)	Pass	Fail	N/A	Comments
ECG Tests (12-lead or 3-lead ECG tests) continued				
h. Record Lead V5 gain (tolerance 36 to 44 mm) (N/A if 3-lead)	Measured Value _____		☐	
i. Record Lead V6 gain (tolerance 36 to 44 mm) (N/A if 3-lead)	Measured Value _____		☐	
10 QUIK-COMBO® Delivered Energy (Alternative: Standard Paddles Delivered Energy)				
10 J – Record delivered energy (tolerance 9.0 to 11.0 J)	Measured Value _____		☐	
200 J – Record delivered energy (tolerance 186.0 to 214.0 J)	Measured Value _____		☐	
360 J – Record delivered energy (tolerance 334.8 to 385.2 J)	Measured Value _____		☐	
11 QUIK-COMBO Synchronous Cardioversion (Alternative: Standard Paddles Synchronous Cardioversion)				
Record Sync delay (maximum 60 ms):	Measured Value _____		☐	
12 QUIK-COMBO ECG Characteristics (Alternative: Standard Paddles ECG Characteristics)				
a. Record QUIK-COMBO ECG, Paddle gain (tolerance 36 to 44 mm; 38 to 50mm with QED-6).	Measured Value _____		☐	
b. Record return to baseline duration is within 0.5 seconds (12.5mm)	Measured Value _____		☐	
13 Standard Paddles User Test (N/A for QUIK-COMBO only device)				
Confirm device passes Standard Paddles User Test	☐	☐	☐	
14 Advisory Mode Test (N/A if no ADVISORY key is present on device)				
Confirm Advisory LED lights and ADVISORY message appears.	☐	☐	☐	
15 No Advisory Mode Test (N/A if ADVISORY key is present on device)				
Confirm ADVISORY message does NOT appear.	☐	☐	☐	Manual Access Setting: _____
16 Pacer Option Characteristics (N/A if Pacing option is not installed)				
a. Confirm leads-off detection.	☐	☐	☐	
b. 10 mA – Record current (tolerance 5 to 15 mA).	Measured Value _____		☐	
c. 100 mA– Record current (tolerance 95 to 105 mA).	Measured Value _____		☐	
d. 200 mA– Record current (tolerance 190 to 210 mA).	Measured Value _____		☐	
e. Record pulse width (tolerance 19.0 to 21.0 ms).	Measured Value _____		☐	
17 No Pacer Option Characteristic (N/A if Pacing option is installed)				
Confirm successful pacing calibration routine.	☐	☐	☐	
18 Impedance Sense				
a. Confirm display of PADDLES LEADS OFF message (370 Ω)	☐	☐	☐	
b. Confirm no display of PADDLES LEADS OFF message (238 Ω)	☐	☐	☐	
19 ECG Analog Output (optional, perform as required)				
Record signal amplitude (tolerance 0.85 to 1.15 Vp-p).	Measured Value _____		☐	
20 SpO2 Test (N/A if SpO2 option is not installed)				
Confirm SpO2 reading is between 90% and 100%.	☐	☐	☐	
21 CO2 Tests (N/A if CO2 option is not installed)				
a. Confirm change in vacuum reading is less than 20 mBars (15 mmHg)	☐	☐	☐	
b. Confirm CO2 concentration reading is 5% ±0.5%.	Measured Value _____		☐	
22 NIBP Tests (N/A if NIBP option is not installed)				
a. Confirm 50 mmHg readings agree within ±3 mmHg.	☐	☐	☐	
b. Confirm 100 mmHg readings agree within ±3 mmHg.	☐	☐	☐	
c. Confirm 150 mmHg readings agree within ±3 mmHg.	☐	☐	☐	
d. Confirm 200 mmHg readings agree within ±3 mmHg.	☐	☐	☐	
e. Confirm the overpressure switch activates at 285 mmHg ±10 mmHg.	☐	☐	☐	
f. Confirm LEAKAGE TEST OK message.	☐	☐	☐	

Testing (continued)	Pass	Fail	N/A	Comments
23 **Invasive Blood Pressure** (N/A if IP option is not installed)				
a. Confirm P1 pressure channel zero	☐	☐	☐	
b. Record P1 pressure reading of 250 ±9 mmHg	Measured Value _____		☐	
c. Record P1 pressure reading of 200 ±8 mmHg	Measured Value _____		☐	
d. Record P1 pressure reading of 100 ±6 mmHg	Measured Value _____		☐	
e. Record P1 pressure reading of 40 ±5 mmHg	Measured Value _____		☐	
f. Record P1 pressure reading of 20 ±4 mmHg	Measured Value _____		☐	
g. Record P1 pressure reading of -20 ±4 mmHg	Measured Value _____		☐	
h. Confirm P2 pressure channel zero	☐	☐	☐	
i. Record P2 pressure reading of 250 ±9 mmHg	Measured Value _____		☐	
j. Record P2 pressure reading of 200 ±8 mmHg	Measured Value _____		☐	
k. Record P2 pressure reading of 100 ±6 mmHg	Measured Value _____		☐	
l. Record P2 pressure reading of 40 ±5 mmHg	Measured Value _____		☐	
m. Record P2 pressure reading of 20 ±4 mmHg	Measured Value _____		☐	
n. Record P2 pressure reading of -20 ±4 mmHg	Measured Value _____		☐	
24 **Modem PC Card®** (N/A if Modem PC Card is not installed)				
Confirm PC Card DIALING message.	☐	☐	☐	
25 **LIFENET® BLUE Test** (N/A if Bluetooth PC Card is not installed)				
Confirm LIFENET BLUE test complete	☐	☐	☐	
26 **Voice Recorder Accessory** (N/A if Voice Recorder Accessory is not installed)				
Confirm Voice Recorder Accessory test complete	☐	☐	☐	
27 **LIFEPAK 12 Maintenance Instruction**				
Confirm Maintenance Prompt Disabled or Reset	☐	☐	☐	
28 **Battery Power Source Management**				
Confirm battery switching.	☐	☐	☐	
Battery-Operated Device Testing (N/A if AC Power Adapter is attached)				
29 **Therapy QUIK-COMBO Source Leakage Current Lead-Lead** (Alternative: Paddles Source Leakage Current Lead-Lead)				
Lead-Lead, Lead - **LA**, Neutral **Closed**, Polarity **Normal** (<10 µA)	Measured Value _____		☐	
30 **ECG 12-Lead Source Leakage Current Lead-Lead** (Alternative: ECG 3-Lead Source Leakage Current Lead-Lead)				
a. **Lead-Lead**, Lead - **RL**, Neutral **Closed**, Polarity **Normal** (<10 µA) (N/A if 3-Lead cable used)	Measured Value _____		☐	
b. **Lead-Lead**, Lead - **RA**, Neutral **Closed**, Polarity **Normal** (<10 µA)	Measured Value _____		☐	
c. **Lead-Lead**, Lead - **LA**, Neutral **Closed**, Polarity **Normal** (<10 µA)	Measured Value _____		☐	
d. **Lead-Lead**, Lead - **LL**, Neutral **Closed**, Polarity **Normal** (<10 µA)	Measured Value _____		☐	
e. **Lead-Lead**, Lead - **V1**, Neutral **Closed**, Polarity **Normal** (<10 µA) (N/A if 3-Lead cable used)	Measured Value _____		☐	
f. **Lead-Lead**, Lead - **V2**, Neutral **Closed**, Polarity **Normal** (<10 µA) (N/A if 3-Lead cable used)	Measured Value _____		☐	
g. **Lead-Lead**, Lead - **V3**, Neutral **Closed**, Polarity **Normal** (<10 µA) (N/A if 3-Lead cable used)	Measured Value _____		☐	
h. **Lead-Lead**, Lead - **V4**, Neutral **Closed**, Polarity **Normal** (<10 µA) (N/A if 3-Lead cable used)	Measured Value _____		☐	
i. **Lead-Lead**, Lead - **V5**, Neutral **Closed**, Polarity **Normal** (<10 µA) (N/A if 3-Lead cable used)	Measured Value _____		☐	
j. **Lead-Lead**, Lead - **V6**, Neutral **Closed**, Polarity **Normal** (<10 µA) (N/A if 3-Lead cable used)	Measured Value _____		☐	

Testing (continued)	Pass	Fail	N/A	Comments
Power Adapter-Operated Device Testing (N/A if Battery Operated Device)				
31 **Power Adapter-Connected Source Management** (including DC Power Adapter)				
a. Confirm auxiliary power switching.	☐	☐	☐	
b. Confirm device charges to 360 Joules within10 seconds	☐	☐	☐	
32 **Chassis Leakage Current**				
a. **Chassis**, Lead - **All**, Neutral **Closed**, Polarity **Normal**, **N.C.** (<100 µA) (highest value measured, all battery contacts, terminals)	Measured Value _____		☐	N/A for DC-PA
b. **Chassis**, Lead - **All**, Neutral **Closed**, Polarity **Reversed, N.C.** (<100 µA) (highest value measured, all battery contacts, terminals)	Measured Value _____		☐	N/A for DC-PA
c. **Chassis**, Lead - **All**, Neutral **Closed**, Polarity **Normal**, **S.F.C** (120V = <300 µA, 240V = <500 µA) (highest value measured, all battery contacts, terminals)	Measured Value _____		☐	N/A for DC-PA
d. **Chassis**, Lead - **All**, Neutral **Closed**, Polarity **Reversed**, **S.F.C** (120V = <300 µA, 240V = <500 µA) (highest value measured, all battery contacts, terminals)	Measured Value _____		☐	N/A for DC-PA
33 **Earth Leakage Current**				
a. **Earth**, Lead - any, Neutral **Closed**, Polarity **Normal** (<2500 µA)	Measured Value _____		☐	N/A for DC-PA
b. **Earth**, Lead -any, Neutral **Open**, Polarity **Normal** (<5000 µA)	Measured Value _____		☐	N/A for DC-PA
34 **Therapy QUIK-COMBO Source Leakage Current Lead-Gnd** (Alternative: Paddles Source Leakage Current Lead-Gnd)				
a. **Lead-Gnd**, Lead - **All**, Neutral **Closed**, Polarity **Normal**, **N.C.** (<10 µA)	Measured Value _____		☐	N/A for DC-PA
b. **Lead-Gnd**, Lead - **All**, Neutral **Closed**, Polarity **Reversed**, **N.C.** (<10 µA)	Measured Value _____		☐	N/A for DC-PA
c. **Lead-Gnd**, Lead - **All**, Neutral **Closed**, Polarity **Normal**, **S.F.C.** (<50 µA)	Measured Value _____		☐	N/A for DC-PA
d. **Lead-Gnd**, Lead - **All**, Neutral **Closed**, Polarity **Reversed**, **S.F.C.** (<50 µA)	Measured Value _____		☐	N/A for DC-PA
35 **Therapy QUIK-COMBO Source Leakage Current Lead-Lead** (Alternative: Paddles Source Leakage Current Lead-Lead)				
a. **Lead-Lead**, Lead - **LA**, Neutral **Closed**, Polarity **Normal**, **N.C.** (<10 µA)	Measured Value _____		☐	N/A for DC-PA
b. **Lead-Lead**, Lead - **LA**, Neutral **Closed**, Polarity **Reversed**, **N.C.** (<10 µA)	Measured Value _____		☐	N/A for DC-PA
c. **Lead-Lead**, Lead - **LA**, Neutral **Closed**, Polarity **Normal**, **S.F.C.** (<50 µA)	Measured Value _____		☐	N/A for DC-PA
d. **Lead-Lead**, Lead - **LA**, Neutral **Closed**, Polarity **Reversed**, **S.F.C.** (<50 µA)	Measured Value _____		☐	N/A for DC-PA
36 **ECG 12-Lead Source Leakage Current Lead-Gnd** (Alternative: ECG 3-Lead Source Leakage Current Lead-Gnd)				
a. **Lead-Gnd**, Lead - **All**, Neutral **Closed**, Polarity **Normal**, **N.C.** (<10 µA)	Measured Value _____		☐	N/A for DC-PA
b. **Lead-Gnd**, Lead - **All**, Neutral **Closed**, Polarity **Reversed**, **N.C.** (<10 µA)	Measured Value _____		☐	N/A for DC-PA
c. **Lead-Gnd**, Lead - **All**, Neutral **Closed**, Polarity **Normal**, **S.F.C** (<50 µA)	Measured Value _____		☐	N/A for DC-PA
d. **Lead-Gnd**, Lead - **All**, Neutral **Closed**, Polarity **Reversed**, **S.F.C.** (<50 µA)	Measured Value _____		☐	N/A for DC-PA
37 **ECG 12-Lead Source Leakage Current Lead-Lead** (Alternative: ECG 3-Lead Source Leakage Current Lead-Lead)				
a. **Lead-Lead**, Lead - **RL**, Neutral **Closed**, Polarity **Normal**, **N.C.** (<10 µA) (N/A if 3-Lead cable used)	Measured Value _____		☐	N/A for DC-PA
b. **Lead-Lead**, Lead - **RL**, Neutral **Closed**, Polarity **Reversed**, **N.C.** (<10 µA) (N/A if 3-Lead cable used)	Measured Value _____		☐	N/A for DC-PA
c. **Lead-Lead**, Lead - **RL**, Neutral **Closed**, Polarity **Normal**, **S.F.C.** (<50 µA) (N/A if 3-Lead cable used)	Measured Value _____		☐	N/A for DC-PA
d. **Lead-Lead**, Lead - **RL**, Neutral **Closed**, Polarity **Reversed**, **S.F.C.** (<50 µA) (N/A if 3-Lead cable used)	Measured Value _____		☐	N/A for DC-PA

Testing (continued)	Pass	Fail	N/A	Comments
Power Adapter-Operated Device Testing (continued) (N/A if Battery Operated Device)				
e. **Lead-Lead**, Lead - **RA**, Neutral **Closed**, Polarity **Normal**, **N.C.** (<10 µA)	Measured Value _____		☐	N/A for DC-PA
f. **Lead-Lead**, Lead - **RA**, Neutral **Closed**, Polarity **Reversed**, **N.C.** (<10 µA)	Measured Value _____		☐	N/A for DC-PA
g. **Lead-Lead**, Lead - **RA**, Neutral **Closed**, Polarity **Normal**, **S.F.C.** (<50 µA)	Measured Value _____		☐	N/A for DC-PA
h. **Lead-Lead**, Lead - **RA**, Neutral **Closed**, Polarity **Reversed**, **S.F.C.** (<50 µA)	Measured Value _____		☐	N/A for DC-PA
i. **Lead-Lead**, Lead - **LA**, Neutral **Closed**, Polarity **Normal**, **N.C.** (<10 µA)	Measured Value _____		☐	N/A for DC-PA
j. **Lead-Lead**, Lead - **LA**, Neutral **Closed**, Polarity **Reversed**, **N.C.** (<10 µA)	Measured Value _____		☐	N/A for DC-PA
k. **Lead-Lead**, Lead - **LA**, Neutral **Closed**, Polarity **Normal**, **S.F.C.** (<50 µA)	Measured Value _____		☐	N/A for DC-PA
l. **Lead-Lead**, Lead - **LA**, Neutral **Closed**, Polarity **Reversed**, **S.F.C.** (<50 µA)	Measured Value _____		☐	N/A for DC-PA
m. **Lead-Lead**, Lead - **LL**, Neutral **Closed**, Polarity **Normal**, **N.C.** (<10 µA)	Measured Value _____		☐	N/A for DC-PA
n. **Lead-Lead**, Lead - **LL**, Neutral **Closed**, Polarity **Reversed**, **N.C.** (<10 µA)	Measured Value _____		☐	N/A for DC-PA
o. **Lead-Lead**, Lead - **LL**, Neutral **Closed**, Polarity **Normal**, **S.F.C.** (<50 µA)	Measured Value _____		☐	N/A for DC-PA
p. **Lead-Lead**, Lead - **LL**, Neutral **Closed**, Polarity **Reversed**, **S.F.C.** (<50 µA)	Measured Value _____		☐	N/A for DC-PA
q. **Lead-Lead**, Lead - **V1**, Neutral **Closed**, Polarity **Normal**, **N.C.** (<10 µA) (N/A if 3-Lead cable used)	Measured Value _____		☐	N/A for DC-PA
r. **Lead-Lead**, Lead - **V1**, Neutral **Closed**, Polarity **Reversed**, **N.C.** (<10 µA) (N/A if 3-Lead cable used)	Measured Value _____		☐	N/A for DC-PA
s. **Lead-Lead**, Lead - **V1**, Neutral **Closed**, Polarity **Normal**, **S.F.C.** (<50 µA) (N/A if 3-Lead cable used)	Measured Value _____		☐	N/A for DC-PA
t. **Lead-Lead**, Lead - **V1**, Neutral **Closed**, Polarity **Reversed**, **S.F.C.** (<50 µA) (N/A if 3-Lead cable used)	Measured Value _____		☐	N/A for DC-PA
u. **Lead-Lead**, Lead - **V2**, Neutral **Closed**, Polarity **Normal**, **N.C.** (<10 µA) (N/A if 3-Lead cable used)	Measured Value _____		☐	N/A for DC-PA
v. **Lead-Lead**, Lead - **V2**, Neutral **Closed**, Polarity **Reversed**, **N.C.** (<10 µA) (N/A if 3-Lead cable used)	Measured Value _____		☐	N/A for DC-PA
w. **Lead-Lead**, Lead - **V2**, Neutral **Closed**, Polarity **Normal**, **S.F.C.** (<50 µA) (N/A if 3-Lead cable used)	Measured Value _____		☐	N/A for DC-PA
x. **Lead-Lead**, Lead - **V2**, Neutral **Closed**, Polarity **Reversed**, **S.F.C.** (<50 µA) (N/A if 3-Lead cable used)	Measured Value _____		☐	N/A for DC-PA
y. **Lead-Lead**, Lead - **V3**, Neutral **Closed**, Polarity **Normal**, **N.C.** (<10 µA) (N/A if 3-Lead cable used)	Measured Value _____		☐	N/A for DC-PA
z. **Lead-Lead**, Lead - **V3**, Neutral **Closed**, Polarity **Reversed**, **N.C.** (<10 µA) (N/A if 3-Lead cable used)	Measured Value _____		☐	N/A for DC-PA
aa. **Lead-Lead**, Lead - **V3**, Neutral **Closed**, Polarity **Normal**, **S.F.C.** (<50 µA) (N/A if 3-Lead cable used)	Measured Value _____		☐	N/A for DC-PA
ab. **Lead-Lead**, Lead - **V3**, Neutral **Closed**, Polarity **Reversed**, **S.F.C.** (<50 µA) (N/A if 3-Lead cable used)	Measured Value _____		☐	N/A for DC-PA
ac. **Lead-Lead**, Lead - **V4**, Neutral **Closed**, Polarity **Normal**, **N.C.** (<10 µA) (N/A if 3-Lead cable used)	Measured Value _____		☐	N/A for DC-PA
ad. **Lead-Lead**, Lead - **V4**, Neutral **Closed**, Polarity **Reversed**, **N.C.** (<10 µA) (N/A if 3-Lead cable used)	Measured Value _____		☐	N/A for DC-PA
ae. **Lead-Lead**, Lead - **V4**, Neutral **Closed**, Polarity **Normal**, **S.F.C.** (<50 µA) (N/A if 3-Lead cable used)	Measured Value _____		☐	N/A for DC-PA

Testing (continued)	Pass	Fail	N/A	Comments
Power Adapter-Operated Device Testing (continued) (N/A if Battery Operated Device)				
af. **Lead-Lead**, Lead - **V4**, Neutral **Closed**, Polarity **Reversed**, **S.F.C.** (<50 µA) (N/A if 3-Lead cable used)	Measured Value _____		☐	N/A for DC-PA
ag. **Lead-Lead**, Lead - **V5**, Neutral **Closed**, Polarity **Normal**, **N.C.** (<10 µA) (N/A if 3-Lead cable used)	Measured Value _____		☐	N/A for DC-PA
ah. **Lead-Lead**, Lead - **V5**, Neutral **Closed**, Polarity **Reversed**, **N.C.** (<10 µA) (N/A if 3-Lead cable used)	Measured Value _____		☐	N/A for DC-PA
ai. **Lead-Lead**, Lead - **V5**, Neutral **Closed**, Polarity **Normal**, **S.F.C.** (<50 µA) (N/A if 3-Lead cable used)	Measured Value _____		☐	N/A for DC-PA
aj. **Lead-Lead**, Lead - **V5**, Neutral **Closed**, Polarity **Reversed**, **S.F.C.** (<50 µA) (N/A if 3-Lead cable used)	Measured Value _____		☐	N/A for DC-PA
ak. **Lead-Lead**, Lead - **V6**, Neutral **Closed**, Polarity **Normal**, **N.C.** (<10 µA) (N/A if 3-Lead cable used)	Measured Value _____		☐	N/A for DC-PA
al. **Lead-Lead**, Lead - **V6**, Neutral **Closed**, Polarity **Reversed**, **N.C.** (<10 µA) (N/A if 3-Lead cable used)	Measured Value _____		☐	N/A for DC-PA
am. **Lead-Lead**, Lead - **V6**, Neutral **Closed**, Polarity **Normal**, **S.F.C.** (<50 µA) (N/A if 3-Lead cable used)	Measured Value _____		☐	N/A for DC-PA
an. **Lead-Lead**, Lead - **V6**, Neutral **Closed**, Polarity **Reversed**, **S.F.C.** (<50 µA) (N/A if 3-Lead cable used)	Measured Value _____		☐	N/A for DC-PA
38 **Therapy QUIK-COMBO Sink Leakage Current** (Alternative: Paddles Sink Leakage Current)				
Lead Iso, Lead - **All**, Neutral **Closed**, Polarity **Normal** (QUIK-COMBO, 120V = <50 µA 240V = <100 µA) (Paddles, 120V = <100 µA, 240V = <500 µA)	Measured Value _____		☐	N/A for DC-PA
39 **ECG 12-Lead Sink Leakage Current** (Alternative: ECG 3-Lead Sink Leakage Current)				
Lead Iso, Lead - **All**, Neutral **Closed**, Polarity **Normal** (<50 µA)	Measured Value _____		☐	N/A for DC-PA
40 **SpO2 Sink Leakage Current** (N/A if SpO2 option is not installed)				
Lead Iso, Lead - **C**, Neutral **Closed**, Polarity **Normal** (120V = <100 µA, 240V = <500 µA)	Measured Value _____		☐	N/A for DC-PA
Standalone AC / DC Power Adapter Testing				
1 **Power Source Management**				
a. Confirm auxiliary power switching.	☐	☐	☐	
b. Confirm device charges to 360 Joules within10 seconds	☐	☐	☐	
2 **Power Adapter - Chassis Leakage Current** (N/A for DC Power Adapters)				
Document chassis leakage current test results within Section 32	☐	☐	☐	
3 **Power Adapter - Earth Leakage Current** (N/A for DC Power Adapters)				
Document earth leakage current test results within Section 33	☐	☐	☐	
4 **Power Adapter - Therapy QUIK-COMBO Source Leakage Current Lead-Gnd** (N/A for DC Power Adapters)				
Document QUIK-COMBO source leakage current test results within Section 34	☐	☐	☐	
5 **Power Adapter - Therapy QUIK-COMBO Source Leakage Current Lead-Lead** (N/A for DC Power Adapters)				
Document QUIK-COMBO source leakage current lead-lead test results within Section 35	☐	☐	☐	

Comments: