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# Rechargeable Battery Type

Technical Data	AP424DA	AP424D
type	ATEX accumulator pack (rechargeable)	accumulator pack (rechargeable)
technology	Lithium - Ion	Lithium - Ion
capacity	19,2Ah	19,2 Ah
ambient temperature	-10°C...40°C / 14°F...104°F	-20°C...50°C / -4°F...122°F
ambient relative humidity	15%...90% r.F.	15%...90% r.F.
charging time	10 - 11 h	10 - 11 h

## EX ib Data

ATEX	EEX II 2G EEx ib mb IIB T4
approval	U <sub>0</sub> 4,1VDC I <sub>0</sub> 1,7A P <sub>0</sub> 6,97W L <sub>0</sub> 5 μH C <sub>0</sub> 1000 μF

## General Data

casing	resistant and rugged casing PPE	resistant and rugged casing PPE
dimensions W/H/D mm	136/85/85 (5.35"/3.35"/3.35")	136/85/85 (5.35"/3.35"/3.35")
weight	approx. 920g (2 lbs)	approx. 705g (1.6 lbs)
protection class open / installed	IP20 / IP68	IP20 / IP68
storage and transportation temperature	-20°C...70°C / -4°F...158°F	-20°C...70°C / -4°F...158°F
safety requirements	EN61010-1, EN60079	EN61010-1, EN60079
electromagnetic compatibility	EN61326 class B	EN61326 class B
jack	charger jack	charger jack
order number	206.705	206.704

## Accessories

battery charger	battery charger AC 15
charger status	charging: continuous light orange fully charged: continuous light green error: continuous light red deep discharge: blinking orange
order number	206.701

Please mind transportation and disposal instructions!  
subject to change without prior notice



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## Battery Type

Technical Data	BP457A	BP457	BP434	BP417
type	ATEX primary battery	primary battery	primary battery	primary battery
technology	Lithium-Thionyl Chloride(Li-SOCl <sub>2</sub> )	Lithium-Thionyl Chloride(Li-SOCl <sub>2</sub> )	Lithium-Thionyl Chloride(Li-SOCl <sub>2</sub> )	Lithium-Thionyl Chloride(Li-SOCl <sub>2</sub> )
capacity	51Ah	51 Ah	26 Ah	13 Ah
ambient temperature	-10°C...40°C / 14°F...104°F	-20°C...50°C / -4°F...122°F	-20°C...50°C / -4°F...122°F	-20°C...50°C / -4°F...122°F
ambient relative humidity	15%...90% r.F.	15%...90% r.F.	15%...90% r.F.	15%...90% r.F.

## EX ib Data

ATEX	EEX II 2G Ex ib IIB T <sub>4</sub>			
approval	U <sub>0</sub> 6VDC I <sub>0</sub> 1,162A P <sub>0</sub> 6,97W L <sub>0</sub> 2,2 μH C <sub>0</sub> 842,96 μF			

## General Data

casing	resistant and rugged casing PPE	resistant and rugged casing PPE	resistant and rugged casing PPE	resistant and rugged casing PPE
dimensions W/H/D mm	136/85/85 (5.35"/3.35"/3.35")	136/85/85 (5.35"/3.35"/3.35")	136/85/85 (5.35"/3.35"/3.35")	136/85/85 (5.35"/3.35"/3.35")
weight	approx. 600g (1.3 lbs)	approx. 600g (1.3 lbs)	approx. 500g (1.1 lbs)	approx. 400g (0.9 lbs)
protection class open / installed	IP20 / IP68	IP20 / IP68	IP20 / IP68	IP20 / IP68
storage and transportation temperature	-20°C...70°C / -4°F...158°F	-20°C...70°C / -4°F...158°F	-20°C...70°C / -4°F...158°F	-20°C...70°C / -4°F...158°F
safety requirements	EN61010-1, EN60079	EN61010-1, EN60079	EN61010-1, EN60079	EN61010-1, EN60079
electromagnetic compatibility	EN61326 class B	EN61326 class B	EN61326 class B	EN61326 class B
order number	206.703	206.702	206.708	206.706

## Accessories

	BP457AR	BP457R	BP434R	BP417R
replacement cells	ATEX primary replacement cells (Li-SOCl <sub>2</sub> )	primary replacement cells (Li-SOCl <sub>2</sub> )	primary replacement cells (Li-SOCl <sub>2</sub> )	primary replacement cells (Li-SOCl <sub>2</sub> )
order number	206.713	206.712	206.718	206.716

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