

Lithium-ion Battery Packs



Battery Packs

- 3.75V and 15V nominal
- Very small and lightweight
- Extended cycle life
- Built-in circuit protection
- Up to 5A loads
- Wide temperature range
- Low self discharge
- Transport tested to UN T1-T8

State of the art lithium-ion technology cells and batteries are much smaller than 'traditional' rechargables. Ideal for use in handheld portable equipment (eg surveillance equipment, radio communication and bar code scanners).

Chargers

- 3 stage automatic
- Very small and lightweight
- 'Universal' mains input
- Multicolour indicator
- CE and UL approvals

Batteries

Battery Voltage 3.75V Nominal, 4.1V Charged, 3.0V Discharged
 Temperature Discharge -20°C to +50°C, Charge 0°C to +50°C
 Charge From 4.1V ±1% per cell (16.4V for 4 cell pack)

Chargers

Mains Input 100 - 260V ac via 2 pin IEC320
 Operating Temperature -10°C to +40°C
 Output via flying leads

Specially designed to charge the Enix range of Li-Ion batteries. These chargers have a constant current phase, followed by a timed constant voltage phase before switching to long-term safe mode.

Nominal Voltage	Nominal Capacity (Ah)	Max. Charge Current	Dimensions	Weight (g)	Mfrs. List No.	Order Code
3.75V	2.6	2.6Ah	45x55x18	75	800042	880-9020
3.75V	5.3	5.3Ah	50x70x20	135	800041	880-9038
3.75V	6.8	6.8Ah	60x70x20	160	800040	880-9046
15V	6.8	6.8Ah	75x122x38	640	800050	880-9151

To Charge	Max. Charge Current	Charge Voltage	Dimensions	Weight (g)	Mfrs. List No.	Order Code
880-9020	1.3A	4.1V	45x90x32	115		
880-9038					2240-1S	880-9054
880-9046					9940-4	880-9062
880-9151	2.0A	16.4V	67x107x37	250		

Mfrs. List No.	Voltage/Capacity	Order Code	1+	5+	10+	+
800042	3.75V / 2.6Ah	880-9020	3,281.00	3,257.00	3,207.00	--
800041	3.75V / 5.3Ah	880-9038	4,583.00	4,550.00	4,479.00	--
800040	3.75V / 6.8Ah	880-9046	4,977.00	4,941.00	4,864.00	--
800050	15V / 6.8Ah	880-9151	17,324.00	17,201.00	17,028.00	--

Mfrs. List No.	Voltage/Capacity	Order Code	1+	5+	10+	+
2240-1S	4.1V / 1.3A	880-9054	3,390.00	3,366.00	3,314.00	--
9940-4	16.4V / 2.0A	880-9062	5,249.00	5,212.00	5,132.00	--

Lithium Polymer Easy Pack



- Short design in time
- Easy to use, complete system solution from the shelf
- High energy, slim, thin and lightweight design
- Two contact positions possible
- Gold plated contacts +/- ID-resistor, thermal sensor integrated
- Consumer replaceable battery
- UL recognised
- No NRE cost, lower system cost

Voltage	Capacity	Dimensions (mm)			Weight (Approx.)	Mfrs. List No.	Order Code
		H	W/Dia.	L			
3.7V	550mAh	5.8	35.4	43.5	14g	EasyPack 550	863-6338
3.7V	750mAh	5.2	36.6	64.5	20g	EasyPack 750	863-6346
3.7V	1000mAh	6.4	36.6	64.5	25g	EasyPack 1000	863-6354
3.7V	2000mAh	11.4	36.6	64.5	46.5g	EasyPack 2000	863-6362

Note: Wall plug power supplies are suitable for all lithium-ion/lithium polymer batteries of a single cell (3.7V) nature. These should be used where the engineer designs his own charge circuitry.

Mfrs. List No.	Order Code	1+	5+	10+
EasyPack 550	863-6338	1,198.00	1,157.00	1,125.00
EasyPack 750	863-6346	1,227.00	1,185.00	1,153.00
EasyPack 1000	863-6354	1,371.00	1,324.00	1,287.00
EasyPack 2000	863-6362	2,496.00	2,413.00	2,347.00

Mfrs. List No.	Order Code	1+	5+	10+
Wall Charger, UK	878-8189	2,158.00	2,035.00	1,961.00



NEW

NEW

Mfrs. List No.	Order Code	1+	5+	10+
Wall Charger, Euro	878-8197	2,089.00	1,971.00	1,900.00
Wall Power Supply, UK	878-8219	1,634.00	1,542.00	1,486.00
Wall Power Supply, Euro	878-8227	1,566.00	1,478.00	1,424.00
Black Mains Lead				
Mains Plug, Euro	120-4150	118.00	112.00	106.00

Silver Oxide Button Cells

VARTA Microbattery



- High stability discharge compared to alkaline button
- Applications include watches, clocks, calculators and remote controls
- Supplied in single "capsules"

Operating temperature -10°C to +65°C

Voltage	Capacity mAh	Max. L	Dimensions Dia.	Weight (g) Approx.	Mfrs. List No.	Order Code
1.5	115	4.2	11.6	1.8	V301	863-6370
1.5	170	5.4	11.6	2.3	V303	304-4865
1.5	20	1.6	7.9	0.4	V315	304-4877
1.5	8	1.7	5.8	0.2	V317	304-7908
1.5	16	2.7	5.8	0.3	V319	174-531
1.5	13	1.7	6.8	0.3	V321	174-520
1.5	36	3.1	7.9	0.6	V329	304-7910
1.5	180	5.4	11.6	2.3	V357	300-860
1.5	18	2.1	7.9	0.4	V361	863-6184
1.5	21	2.1	7.9	0.4	V362	300-780
1.5	20	2.2	6.8	0.3	V364	300-779
1.5	30	2.1	9.5	0.6	V370	304-7921
1.5	44	2.1	9.5	0.6	V371	174-555
1.5	23	1.6	9.5	0.5	V373	304-7933
1.5	27	2.6	6.8	0.4	V377	174-543
1.5	14	2.1	5.8	0.2	V379	249-907
1.5	45	2.1	11.6	0.9	V381	304-7945
1.5	38	3.6	7.9	0.7	V384	304-7957
1.5	105	4.2	11.6	1.8	V386	300-858
1.5	85	3.1	11.6	1.3	V389	300-834
1.5	80	3.1	11.6	3.1	V390	304-7969
1.5	40	2.1	11.6	0.9	V391	300-822
1.5	38	3.6	7.9	0.7	V392	300-792
1.5	65	5.4	7.9	1.1	V393	300-809
1.5	67	3.6	9.5	1	V394	300-810
1.5	42	2.7	9.5	0.8	V395	174-567
1.5	25	2.6	7.9	0.6	V396	304-7970
1.5	30	2.6	7.9	0.5	V397	249-919
1.5	42	2.7	9.5	0.8	V399	304-7982

Mfrs. List No.	Order Code	1+	10+	100+	500+
V301	863-6370	86.00	75.00	66.00	60.00
V303	304-4865	146.00	132.00	112.00	99.00
V315	304-4877	146.00	132.00	112.00	99.00
V317	304-7908	132.00	119.00	102.00	90.00
V319	174-531	146.00	131.00	112.00	99.00
V321	174-520	78.00	72.00	65.00	59.00
V329	304-7910	78.00	70.00	60.00	53.00
V357	300-860	123.00	110.00	95.00	85.00
V361	863-6184	86.00	75.00	66.00	60.00
V362	300-780	58.00	53.00	46.00	41.00
V364	300-779	60.00	54.00	48.00	43.00
V370	304-7921	146.00	132.00	112.00	99.00
V371	174-555	82.00	76.00	68.00	62.00
V373	304-7933	172.00	154.00	133.00	117.00
V377	174-543	51.00	49.00	47.00	45.00
V379	249-907	71.00	63.00	56.00	52.00
V381	304-7945	101.00	91.00	78.00	69.00
V384	304-7957	69.00	62.00	54.00	47.00
V386	300-858	110.00	105.00	--	--
V389	300-834	123.00	110.00	95.00	89.00
V390	304-7969	106.00	95.00	82.00	72.00
V391	300-822	63.00	57.00	49.00	44.00
V392	300-792	97.00	88.00	75.00	68.00
V393	300-809	80.00	71.00	64.00	56.00

Batteries, Chargers & Holders

18

Compliant Non-compliant + Limited stock - RoHS replacement available

RoHS