Unitech Energy
Power electronics for demanding applications

UE073 Charger for Lithium/lead acid/Lifepo4 battery:

Features:

Input Voltge : 100-240Vac 47-63Hz

Operating Temperature: -20~+50°C

Efficiency: ≥87%

Charge method: CC/CV

Size: 120 X 53 X 32 mm

Warranty: 12months

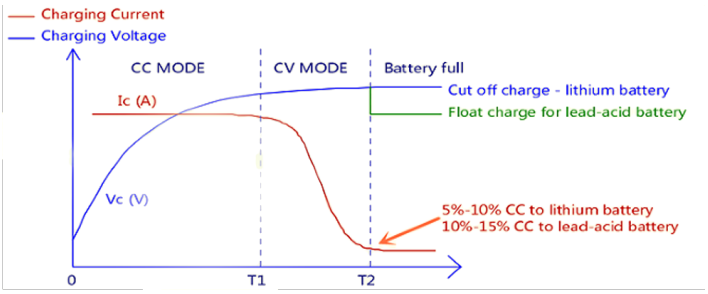
Case Material: PC plastic Material UL94V0

LED indicator:

Red: Charging

Green: Fully charged

Charging curve:



Item No	Battery Voltage	Series connection	Charge Voltage	Charge Current
3.7V	3.7V lithium Battery	1	4.2V	5A
6V	6V Lead Acid Battery	1	7.2V	5A
7.4V	7.4V lithium Battery	2	8.4V	5A
12V	12V lithium Battery	3	12.6V	4.5A
	12V Lead Acid Battery	1	14.5V	4A
	12V Lifepo4 lithium Battery	4	14.6V	4A
15V	14.8V lithium Battery	4	16.8V	4A
22.2V	22.2V lithium Battery	6	25.2V	2A
24V	24V Lead Acid Battery	2	29V	2A
	24V Lifepo4 lithium Battery	8	29.2V	2A
	24V lithium Battery	7	29.4V	2A
30V	29.6V (30V) lithium Battery	8	33.6V	1.8A
36V	36V lithium Battery	10	42V	1.5A
	36V Lead Acid Battery	3	43.5V	1.5A
44.4V	44.4V lithium Battery	12	50.4V	1.2A
48V	48V lithium Battery	13	54.6V	1A
	48V (51.8V) lithium Battery	14	58.8V	1A
	48V Lead Acid Battery	4	58V	1A
55.5V	55.5V lithium Battery	15	63V	1A
60V	60V lithium Battery	16	67.2V	0.9A
	60V (63V) lithium Battery	17	71.4V	0.9A
	60V Lead Acid Battery	5	72.5V	0.9A
64V	64V Lifepo4 lithium Battery	20	73V	0.9A
72V	72V lithium Battery	20	84V	0.8A
	72V (77.7V)lithium Battery	21	88.2V	0.7A
84V	84V (85.1V) lithium Battery	23	96.6V	0.7A
	84V Lead Acid Battery	7	101.5V	0.6A
96V	96V Lead Acid Battery	8	116V	0.5A

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UE130 Charger for Lithium/lead acid/Lifepo4 battery:

Features:

Input Voltge : 100-240Vac 47-63Hz

Operating Temperature: -20~+50°C

Efficiency: ≥87%

Charge method: CC/CV

Size: 135 X 56 X 45 mm

Warranty: 12months

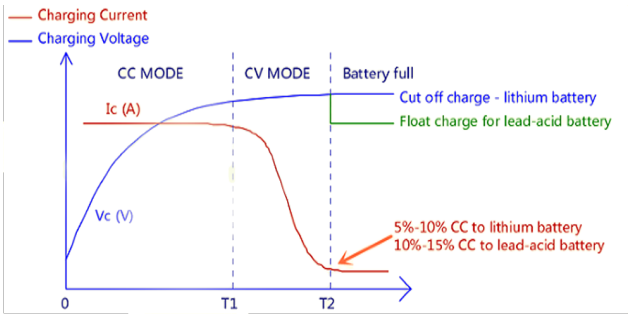
Case Material: PC plastic Material UL94V0

LED indicator:

Red: Charging

Green: Fully charged

Charging curve:



Item No	Battery Voltage	Series connection	Charge Voltage	Charge Current
3.7V	3.7V lithium Battery	1	4.2V	8A
6V	6V Lead Acid Battery	1	7.2V	8A
7.4V	7.4V lithium Battery	2	8.4V	8A
12V	12V lithium Battery	3	12.6V	8A
	12V Lead Acid Battery	1	14.5V	8A
	12V Lifepo4 lithium Battery	4	14.6V	8A
15V	14.8V lithium Battery	4	16.8V	6A
22.2V	22.2V lithium Battery	6	25.2V	4A
24V	24V Lead Acid Battery	2	29V	4A
	24V Lifepo4 lithium Battery	8	29.2V	4A
	24V lithium Battery	7	29.4V	4A
30V	29.6V (30V) lithium Battery	8	33.6V	3A
36V	36V lithium Battery	10	42V	2A
	36V Lead Acid Battery	3	43.5V	2A
	36V (38.4V) Lifepo4 lithium Battery	12	43.8V	2A
44.4V	44.4V lithium Battery	12	50.4V	2A
48V	48V lithium Battery	13	54.6V	2A
	48V (51.8V) lithium Battery	14	58.8V	2A
	48V (51.2V) Lifepo4 lithium Battery	16	58.4V	2A
	48V Lead Acid Battery	4	58V	2A
55.5V	55.5V lithium Battery	15	63V	2A
60V	60V lithium Battery	16	67.2V	2A
	60V (63V) lithium Battery	17	71.4V	1.8A
	60V Lead Acid Battery	5	72.5V	1.8A
	60V (64V) Lifepo4 lithium Battery	20	73V	1.6A
72V	72V lithium Battery	20	84V	1.4A
	72V (77.7V)lithium Battery	21	88.2V	1.3A
	72V Lead Acid Battery	6	87V	1.2A
	72V (76.8V) Lifepo4 lithium Battery	24	87.6V	1.3A
84V	84V (85.1V) lithium Battery	23	96.6V	1.2A
	84V Lead Acid Battery	7	101.5V	1.2A
96V	96V Lead Acid Battery	8	116V	1A

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Power electronics for demanding applications

UE260 Charger for Lithium/lead acid/Lifepo4 battery:

Features:

Input Voltge : 100-240Vac 47-63Hz

Operating Temperature: -20~+50°C

Efficiency: ≥87%

Charge method: CC/CV

Size: 150 X 75 X 48 mm

Warranty: 12months

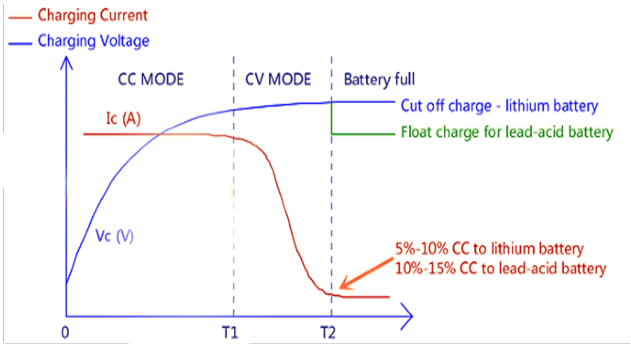
Case Material: PC plastic Material UL94V0

LED indicator:

Red: Charging

Green: Fully charged

Charging curve:



Item No	Battery Voltage	Series connection	Charge Voltage	Charge Current
3.7V	3.7V lithium Battery	1	4.2V	8A
6V	6V Lead acid battery	1	7.2V	8A
7.4V	7.4V lithium Battery	2	8.4V	8A
12V	12V Lithium Battery	3	12.6V	8A
	12V Lead Acid Battery	1	14.5V	8A
	12V Lifepo4 lithium Battery	4	14.6V	8A
15V	14.8V lithium Battery	4	16.8V	7A
22.2V	22.2V lithium Battery	6	25.2V	6A
24V	24V Lead Acid Battery	2	29V	5A
	24V Lifepo4 lithium Battery	8	29.2V	5A
	24V lithium Battery	7	29.4V	5A
30V	29.6V (30V) lithium Battery	8	33.6V	5A
36V	36V lithium Battery	10	42V	5A
	36V (38.4V) Lifepo4 lithium Battery	12	43.8V	5A
	36V Lead Acid Battery	3	43.5V	5A
44.4V	44.4V lithium Battery	12	50.4V	4A
48V	48V lithium Battery	13	54.6V	4A
	48V (51.8V) lithium Battery	14	58.8V	4A
	48V (51.2V) Lifepo4 lithium Battery	16	58.4V	4A
	48V Lead Acid Battery	4	58V	4A
55.5V	55.5V lithium Battery	15	63V	3A
60V	60V lithium Battery	16	67.2V	3A
	60V (63V) lithium Battery	17	71.4V	3A
	60V Lead Acid Battery	5	72.5V	3A
	60V (64V) Lifepo4 lithium Battery	20	73V	3A
72V	72V lithium Battery	20	84V	2.5A
	72V (77.7V)lithium Battery	21	88.2V	2.5A
	72V Lead Acid Battery	6	87V	2.5A
	72V (76.8V) Lifepo4 lithium Battery	24	87.6V	2.5A
84V	84V (85.1V) lithium Battery	23	96.6V	2.1A
	84V Lead Acid Battery	7	101.5V	2.1A
96V	96V Lead Acid Battery	8	116V	2A

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Power electronics for demanding applications

UE300 Charger for Lithium/lead acid/Lifepo4 battery:

Features:

Input Voltge : 100-240Vac 47-63Hz

Operating Temperature: -20~+50°C

Efficiency: ≥87%

Charge method: CC/CV

Size: 163 X 95 X 56 mm

Warranty: 12months

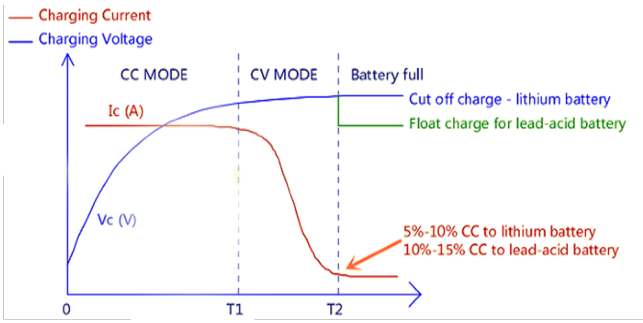
Case Material: Aluminium

LED indicator:

Red: Charging

Green: Fully charged

Charging curve:



Item No	Battery Voltage	Series connection	Charge Voltage	Charge Current
3.7V	3.7V lithium Battery	1	4.2V	20A
6V	6V Lead Acid Battery	1	7.2V	20A
7.4V	7.4V lithium Battery	2	8.4V	20A
12V	12V lithium Battery	3	12.6V	20A
	12V Lead Acid Battery	1	14.5V	20A
	12V Lifepo4 lithium Battery	4	14.6V	20A
15V	14.8V lithium Battery	4	16.8V	15A
22.2V	22.2V lithium Battery	6	25.2V	12A
24V	24V Lead Acid Battery	2	29V	10A
	24V Lifepo4 lithium Battery	8	29.2V	10A
	24V lithium Battery	7	29.4V	10A
30V	29.6V (30V) lithium Battery	8	33.6V	10A
36V	36V lithium Battery	10	42V	8A
	36V (38.4V) Lifepo4 lithium Battery	12	43.8V	8A
	36V Lead Acid Battery	3	43.5V	8A
44.4V	44.4V lithium Battery	12	50.4V	6A
48V	48V lithium Battery	13	54.6V	5A
	48V (51.8V) lithium Battery	14	58.8V	5A
	48V (51.2V) Lifepo4 lithium Battery	16	58.4V	5A
	48V Lead Acid Battery	4	58V	5A
55.5V	55.5V lithium Battery	15	63V	5A
60V	60V lithium Battery	16	67.2V	4A
	60V (63V) lithium Battery	17	71.4V	4.5A
	60V Lead Acid Battery	5	72.5V	4.5A
60V	60V (64V) Lifepo4 lithium Battery	20	73V	4.5A
72V	72V lithium Battery	20	84V	4A
	72V (77.7V)lithium Battery	21	88.2V	3.5A
	72V Lead Acid Battery	6	87V	3.5A
	72V (76.8V) Lifepo4 lithium Battery	24	87.6V	3.5A
84V	84V (85.1V) lithium Battery	23	96.6V	3A
	84V Lead Acid Battery	7	101.5V	3A
96V	96V Lead Acid Battery	8	116V	2.5A

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Power electronics for demanding applications

UE450 Charger for Lithium/lead acid/Lifepo4 battery:

Features:

Input Voltge : 100-240Vac 47-63Hz

Operating Temperature: -20~+50°C

Efficiency: ≥87%

Charge method: CC/CV

Size: 205 X 121 X 50 mm

Warranty: 12months

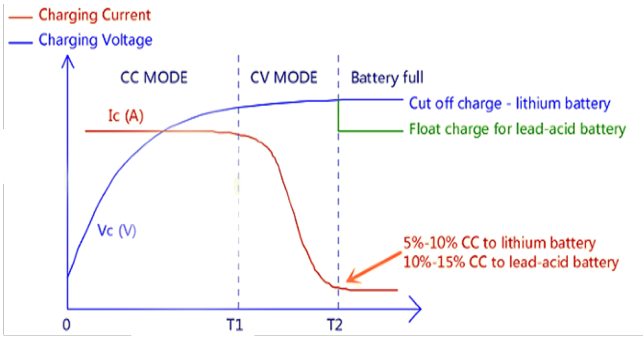
Case Material: Aluminium

LED indicator:

Red: Charging

Green: Fully charged

Charging curve:



Item No	Battery Voltage	Series connection	Charge Voltage	Charge Current
3.7V	3.7V lithium Battery	1	4.2V	20A
6V	6V Lead Acid Battery	1	7.2V	20A
7.4V	7.4V lithium Battery	2	8.4V	20A
12V	12V lithium Battery	3	12.6V	20A
	12V Lead Acid Battery	1	14.5V	20A
	12V Lifepo4 lithium Battery	4	14.6V	20A
15V	14.8V lithium Battery	4	16.8V	20A
22.2V	22.2V lithium Battery	6	25.2V	15A
24V	24V Lead Acid Battery	2	29V	14A
	24V Lifepo4 lithium Battery	8	29.2V	14A
	24V lithium Battery	7	29.4V	14A
30V	29.6V (30V) lithium Battery	8	33.6V	12A
36V	36V lithium Battery	10	42V	10A
	36V (38.4V) Lifepo4 lithium Battery	12	43.8V	9A
	36V Lead Acid Battery	3	43.5V	9A
44.4V	44.4V lithium Battery	12	50.4V	8A
48V	48V lithium Battery	13	54.6V	8A
	48V (51.8V) lithium Battery	14	58.8V	8A
	48V (51.2V) Lifepo4 lithium Battery	16	58.4V	8A
	48V Lead Acid Battery	4	58V	8A
55.5V	55.5V lithium Battery	15	63V	6A
60V	60V lithium Battery	16	67.2V	5A
	60V (63V) lithium Battery	17	71.4V	5A
	60V Lead Acid Battery	5	72.5V	5A
64V	60V (64V) Lifepo4 lithium Battery	20	73V	5A
72V	72V lithium Battery	20	84V	5A
	72V (77.7V)lithium Battery	21	88.2V	4.5A
	72V Lead Acid Battery	6	87V	4.5A
	72V (76.8V) Lifepo4 lithium Battery	24	87.6V	4.5A
84V	84V (85.1V) lithium Battery	23	96.6V	4A
	84V Lead Acid Battery	7	101.5V	4A
96V	96V Lead Acid Battery	8	116V	3.5A

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Power electronics for demanding applications

UE900 Charger for Lithium/lead acid/Lifepo4 battery:

Features:

Input Voltge : 100-240Vac 47-63Hz

Operating Temperature: -20~+50°C

Efficiency: ≥87%

Charge method: CC/CV

Size: 205 X 121 X 100 mm

Warranty: 12months

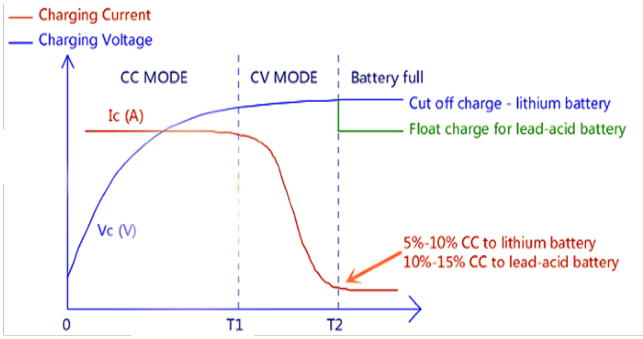
Case Material: Aluminium

LED indicator:

Red: Charging

Green: Fully charged

Charging curve:



Item No	attery Voltag	Series connection	Charge Voltage	Charge Current
3.7V	3.7V lithium Battery	1	4.2V	40A
6V	6V Lead Acid Battery	1	7.2V	40A
7.4V	7.4V lithium Battery	2	8.4V	40A
12V	12V lithium Battery	3	12.6V	40A
	12V Lead Acid Battery	1	14.5V	40A
	12V Lifepo4 lithium Battery	4	14.6V	40A
15V	14.8V lithium Battery	4	16.8V	30A
22.2V	22.2V lithium Battery	6	25.2V	30A
24V	24V Lead Acid Battery	2	29V	25A
	24V Lifepo4 lithium Battery	8	29.2V	25A
	24V lithium Battery	7	29.4V	25A
30V	29.6V (30V) lithium Battery	8	33.6V	20A
36V	36V lithium Battery	10	42V	18A
	36V (38.4V) Lifepo4 lithium Battery	12	43.2V	18A
	36V Lead Acid Battery	3	43.5V	18A
44.4V	44.4V lithium Battery	12	50.4V	15A
48V	48V lithium Battery	13	54.6V	15A
	48V (51.8V) lithium Battery	14	58.8V	15A
	48V (51.2V) Lifepo4 lithium Battery	16	58.4V	15A
	48V Lead Acid Battery	4	58V	15A
55.5V	55.5V lithium Battery	15	63V	12A
60V	60V lithium Battery	16	67.2V	10A
	60V (63V) lithium Battery	17	71.4V	10A
	60V Lead Acid Battery	5	72.5V	10A
64V	60V (64V) Lifepo4 lithium Battery	20	73V	10A
72V	72V lithium Battery	20	84V	10A
	72V (77.7V)lithium Battery	21	88.2V	8A
	72V Lead Acid Battery	6	87V	8A
	72V (76.8V) Lifepo4 lithium Battery	24	87.6V	8A
84V	84V (85.1V) lithium Battery	23	96.6V	8A
	84V Lead Acid Battery	7	101.5V	8A
96V	96V Lead Acid Battery	8	116V	7A

Unitech Energy
Power electronics for demanding applications

UE1800 Charger for Lithium/lead acid/Lifepo4 battery:

Features:

Input Voltge : 100-240Vac 47-63Hz

Operating Temperature: -20~+50°C

Efficiency: ≥87%

Charge method: CC/CV

Size: 410 X 121 X 100 mm

Warranty: 12months

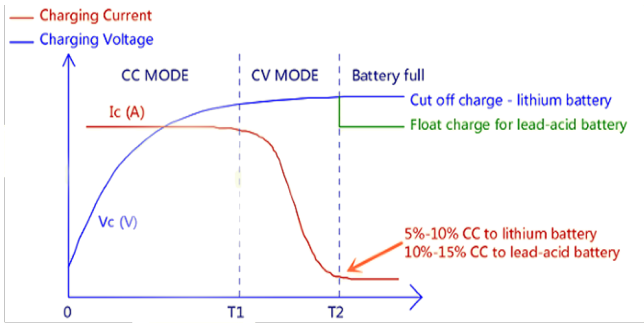
Case Material: Aluminium

LED indicator:

Red: Charging

Green: Fully charged

Charging curve:



Item No	Battery Voltage	Series connection	Charge Voltage	Charge Current
3.7V	3.7V lithium Battery	1	4.2V	60A
6V	6V Lead Acid Battery	1	7.2V	60A
7.4V	7.4V lithium Battery	2	8.4V	60A
12V	12V lithium Battery	3	12.6V	60A
	12V Lead Acid Battery	1	14.5V	60A
	12V Lifepo4 lithium Battery	4	14.6V	60A
15V	14.8V lithium Battery	4	16.8V	50A
22.2V	22.2V lithium Battery	6	25.2V	50A
24V	24V Lead Acid Battery	2	29V	45A
	24V Lifepo4 lithium Battery	8	29.2V	45A
	24V lithium Battery	7	29.4V	45A
30V	29.6V (30V) lithium Battery	8	33.6V	40A
36V	36V lithium Battery	10	42V	35A
	36V (38.4V) Lifepo4 lithium Battery	12	43.8V	35A
	36V Lead Acid Battery	3	43.5V	35A
44.4V	44.4V lithium Battery	12	50.4V	30A
48V	48V lithium Battery	13	54.6V	30A
	48V (51.8V) lithium Battery	14	58.8V	25A
	48V (51.2V) Lifepo4 lithium Battery	16	58.4V	25A
	48V Lead Acid Battery	4	58V	25A
55.5V	55.5V lithium Battery	15	63V	20A
60V	60V lithium Battery	16	67.2V	20A
	60V (63V) lithium Battery	17	71.4V	20A
	60V Lead Acid Battery	5	72.5V	20A
64V	60V (64V) Lifepo4 lithium Battery	20	73V	20A
72V	72V lithium Battery	20	84V	20A
	72V (77.7V)lithium Battery	21	88.2V	15A
	72V Lead Acid Battery	6	87V	15A
	72V (76.8V) Lifepo4 lithium Battery	24	87.6V	15A
84V	84V (85.1V) lithium Battery	23	96.6V	15A
	84V Lead Acid Battery	7	101.5V	15A
96V	96V Lead Acid Battery	8	116V	14A