



DCNE–variable frequency pulse charger series–

Hot Products



Chengdu Dacheng New Energy Technology Co. Ltd

I . Introductions

DCNE variable frequency pulse charger series adopt **"superposition combined pulse rapid charging and discharging technology"** and **"automatic detection programmed regulation charging and discharging innovative process"**, It can significantly improve the charging efficiency and quality, greatly shorten the charging time, effectively extend the battery life, innovate the charging state of electric vehicles, and realize "high efficiency, environmental protection and energy saving".

Up to 95% efficiency

Strong protection function

Wide range of operating temperatures

100% full load aging test

Up to IP66 high protection level

The seismic rating of automobile

In the process of charging the battery for intelligent pulse repair, intelligent temperature compensation, maximize the battery life

The charging curve will be set and uploaded according to the battery parameters.

Protection features:

Output over voltage protection

Output over current protection

Output short circuit protection

Output reverse protection

Over temperature protection of charger

Battery over temperature protection.

II .Variable frequency pulse charger series

1, Input voltage **220v ± 15%**, Output power **2kw / 4kw / 6kw / 8kw/12kw.....**

1.1, Portable and On board(vehicular), **IP66**, Waterproof

1.2, On-board charger standard:

1.3, Input connector, CC and CP (need marked);

1.4. Output connector, Indicator, Anti-walking line, Auxiliary power 12V (need marked), Temperature control (only for lead acid battery); Not with CANBUS.

Model DCNE	Rated Output voltage (V)	Output Current (A)	Size(mm)			Weight (kg)	Pictures
			L	W	H		
Q1-2KW Input Current 13A	12/24	5-30	280	155	115	4.5	 
	36/48/60	5-30					
	72	5-25					
	80/84	5-20					
	96/108	5-17					
Q1-4KW Input Current 25A	12/24/36/ 48/60	40-60	280	165	134	9	 Vertical style
	72	30-50					
	80/84	20-40	305	280	115		 Horizontal style
	96/108	20-34					

Q1-6KW Input Current 40A	12/24/36/ 48/60	70-90	450	280	115	14	
	72	60-75					
	80/84	50-60					
	96/108	40-50					
Q1-8KW Input Current 55A	12/24/36/ 48/60	100-120	280	200	320	18	
	72	80-100					
	80/84	70-80					
	96-120	50-70					
Q1-12KW Input Current 80A	12/24/36/ 48/60	130-150	460	280	320	23	
	72	110-130					
	80/84	100-110					
	96-120	80-100					

2. Input voltage **220v+-15%**, Output power **800w / 1.5kw / 2kw**

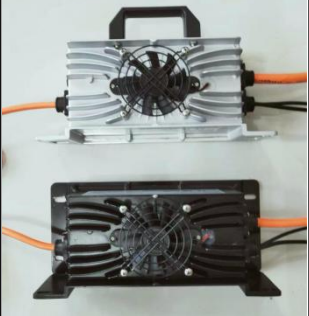
2.1, Portable and On board(vehicular), **IP 66** waterproof

2.2, On-board charger standard:

2.3, Input connector, CC and CP (need marked);

2.4, Output connector, Indicator, Anti-walking line, Temperature control (only for lead acid battery);

2.5, Not with Auxiliary power 12V, not with CANBUS.

Model DCNE	Rated Output voltage (V)	Max Output Current (A)	Size(mm)			Weight (kg)	Pictures
			L	W	H		
Q1-800W Input Current 5A	24	10/15	190	140	74.5	2.5	
	36	10/15					
	48	10/15					
	60	7/11					
	72	8					
Q1-1.5 KW Input Current 8A	12	10/15/20	281	130	83	2.8	
	24	15/20/25					
	36	10/15/20					
	48	22					
	60	18					
	72	15					
Q1-2KW Input Current 13A	12/24/36	30	282	168	90	4	
	48	30					
	60	30					
	72	25					

3, Input voltage **90v-265v** ,Output power **1.5kw / 2kw / 3.3kw**

3.1,Portable and On board(vehicular),**IP 66** waterproof

3.2,On-board charger standard:

3.3,Input connector, CC and CP (need marked);

3.4,Output connector, Indicator, Anti-walking line, Auxiliary power 12V (need marked),

3.5,With CANBUS (need marked),Temperature control (only for lead acid battery).

Model DCNE	Rated output voltage (V)	Max charging voltage(V)	Max Output Current(A)	Size(mm)			Weight (kg)	Pictures
				L	W	H		
Q2-1.5kw (90-265vac input) Input Current 10A	12/24	29.2	25	280	145	80	3.5	
	36	43.8	25					
	48	54.75	20					
	60/72	84	15					
Q2-2kw (90-265vac input) Input Current 13A	48	66	25	282	168	90	4.5	
	60	82.5	22					
	72	99	20					
Q2-3.3kw (90-265vac input) Input Current 16A	48	66	42	295	210	111	6.5	
	72	99	40					
	84	116	40					
	96	132	32					
	144	198	23					
	312	440	10					

Q2-3.3kw (90-265vac input) Input Current 16A	144	198	23	238	161	111	6	
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4,Input voltage **90v-265v** ,Output power **6.6kw/9.9kw/13kw.....**

4.1,Portable and On board(vehicular),**IP 66** waterproof

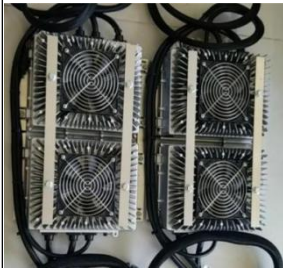
4.2,On-board charger standard:

4.3,Input connector, CC and CP (need marked);

4.4,Output connector, Indicator, Anti-walking line, Auxiliary power 12V (need marked),Temperature control (only for lead acid battery);

4.5,With CANBUS.

Q2-6.6kw (90-265vac input) Input Current 32A	48	66	85	420	294	113	13	
	72	99	80					
	84	116	80					
	96	132	64					
	144	198	46					
	312	440	20					
Q2-9.9kw (90-265vac input) Input Current 48A	48	66	127	715	210	110	20	
	72	99	120					
	84	116	120					
	96	132	96					
	144	198	69					
	312	440	30					

Q2-13kw (90-265vac input) Input Current 64A	48	66	168	588	420	110	26	
	72	99	160					
	84	116	160					
	96	132	128					
	144	198	92					
	312	440	40					

5, 1kw-50kw Portable charger/Industrial charger/Rectifier

5.1, Input voltage **AC 110v+-15% ,220v+-15%, 380v ± 15%** (optional)

Output voltage **DC 10V-600v**,current **10A-300A**, adjustable

5.2, Input voltage **DC500-700V**

Output voltage **DC 280V-300v**

Model	Output Power	Size(mm)			Weight (kg)	Pictures
		L	W	H		
DCNE-JS	1kw-6kw Single led display	480	190	150	5-15	
DCNE-JD-H	1kw-12kw Double led display	520	260	190	5-30	
DCNE-JD-V	1kw-5kw Double led display	380	170	200	5-15	

DCNE-J-C	2kw-50kw Cabinet Customized	600	400	600	30-100	
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Accessories:Charger, temperature control sensor module, charging indicator, charging gun head with plug and socket(national standard, EU standard, US standard),optional.

III . Application

DCNE variable frequency pulse charger series can be used for lead-acid batteries ,lithium batteries, Ni-mh battery, ni-cad battery and other energy storage battery charging.

Apply to electric vehicles:sightseeing car,club car, golf cart, patrol car, electric cleaning equipment, sweeper, lawn mower;

Material handling equipment: forklift,lift truck, pallet truck, stacking truck,lift;

Electric boats,ATV,Kart,Vans,cars and buses;

Special categories: Power sector, Marine, aerospace, military, etc.

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