

HDSX Three Phase Inverter Charger/Solar Inverter Charger

Feature

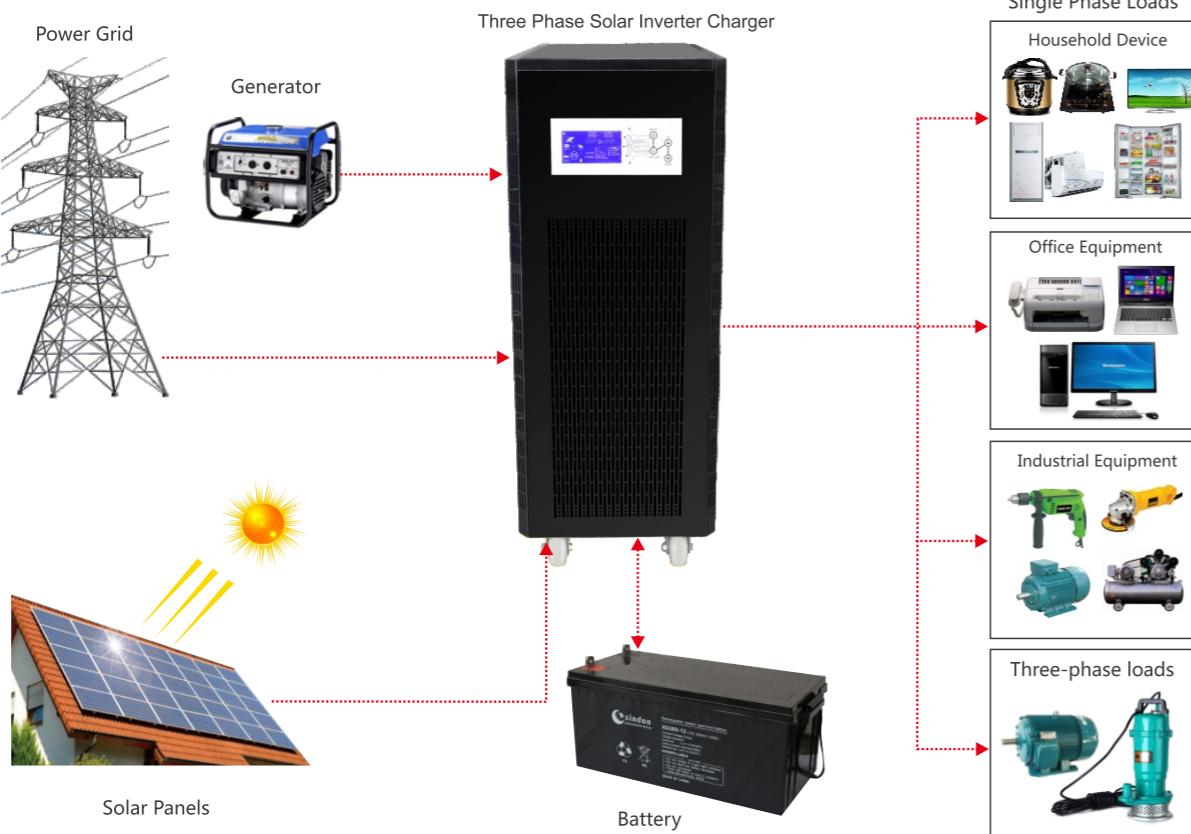
- Pure sine wave output;
- Low DC voltage, saving system cost;
- Built-in PWM or MPPT charge controller;
- AC charge current 0-45A adjustable ;
- Wide LCD screen, clearly and precisely shows icon data;
- 100% imbalance loading design, 3 times peak power; ;
- Setting different working modes based on variable usage requirements ;
- Various communication ports and remote controls (RS232/RS485/APP/SNMP/GSM optional).

Application Area

- Medium IDC data exchange center machine room, medium scale network management system, billing center, bank/securities settlement center, industrial process control applications, traffic control areas etc.
- Provide stable, reliable and safe solutions for families, islands, ships and other small photovoltaic power systems



System Application Diagram



Technical Parameters

Model: HDSX	4KVA	6KVA	7KVA	8KVA	10KVA	15KVA	20KVA	25KVA
Rated Power	3.2KW	4.8KW	5.6KW	6.4KW	8KW	12KW	16KW	20KW
Battery Voltage			48/96/192VDC				96/192/384VDC	
Size(L*W*Hmm)			565*300*775			725*365*1010		
Package Size(L*W*Hmm)			625*360*895			785*425*1135		
N.W.(kg)	58	73	75	80	99	110	145	164
G.W.(kg)(Wooden Packing)	71	86	88	93	126	127	162	181
Model: HDSX	30KVA	40KVA	50KVA	60KVA	80KVA	100KVA	125KVA	150KVA
Rated Power	24KW	32KW	40KW	48KW	64KW	80KW	100KW	120KW
Battery Voltage			192/384VDC			384VDC		
Size(L*W*Hmm)			715*575*1275			925*760*1450		
Package Size(L*W*Hmm)			775*635*1400			990*825*1590		
N.W.(kg)	174	202	297	450	555	860	900	1120
G.W.(kg)(Wooden Packing)	198	226	321	552	700	900	960	1200
Input	AC Input Voltage Range	380Vac/400Vac±10%(customized 190Vac/200Vac)						
	AC Input Frequency Range	45Hz~65Hz						
	Phase	3/N/PE						
Output	Efficiency	≥85%						
	Output Voltage(Battery Mode)	380Vac/400Vac±10%(customized 190Vac/200Vac)						
	Output Frequency(Battery Mode)	50/60Hz ±1%						
	Output Wave(Battery Mode)	Pure Sine wave						
	THD	liner load≤3%						
	AC Output Voltage Range	Conforming to AC input						
	AC Output Frequency Range	Conforming to AC input						
Inside Solar controller (Optional)	Phase	3/N/PE						
	Charging Mode	MPPT或PWM						
	Charging Current	12V/24V/48V System : 10A,20A,30A,40A,50A,60A; 96V/192V/384V System : 50A,100A,150A,200A						
	PV Input Voltage Range	12V System: 15V-44V; 24V System: 30V-44V; 48V System: 60V-88V; 96V System : 120V-176V; 192V System : 240V-352V; 384V System : 480V-704V						
	Max PV Input Voltage (At 25°C)	12V/24 System:50V; 48V System:100V; 96V System:200V; 192V System:400V; 384V System:750V						
	PV Array Maximum Power	12V System: 140W/280W/420W/560W/700W/840W; 24V System: 280W/560W/840W/1120W/1400W/1680W; 48V System: 560W/1120W/1680W/2240W/2800W/3360W ; 96V System: 5.6KW/11.2KW/8.4KW*2/11.2KW*2 192V System: 11.2KW/22.4KW/16.8KW*2/22.4KW*2; 384V System: 22.4KW/44.8KW/33.6KW*2/44.8KW*2						
Battery	DC input voltage range	10.5-17V DC/Single battery						
	Battery low voltage alarm	11VDC/Single battery						
	Battery low voltage protection	10.5VDC/Single battery						
	Battery high voltage alarm	15VDC/Single battery						
	Battery high voltage protection	17VDC/Single battery						
	Battery Type	U0: Gel U.S.A / U1: A.G.M.1 / U2: A.G.M.2 / U3: Sealed lead Acid / U4: Gel European / U5: Open lead Acid / U6: Calcium(open) / U7: Sulphation cycle						
Working Mode	Working Mode	Battery First/AC First/Saving Energy Mode						
	AC Charging current (selectable)	0~45A						
	Transfer Time	≤4ms						
	Display	LCD						
	Thermal method	Forced air cooling						
	Protection	Over-load / Over-discharge / Short circuit / High and low temperature						
	Communication	RS232/RS485/APP/SNMP/GSM (Optional)						
Environment	Temperature	-10°C~40°C						
	Height	2000m (Less load when height over)						
	Noise	≤65dB						
	Humidity	0%~95% (No condensation)						

Note: 1. Specifications are subject to change without prior notice;
2. Special voltage and power requirements can be customized according to the actual situation of users.