

DHM66D50-HJT

700-725W

Ultra-high power 210 HJT double glass bifacial solar module



30 YEAR LINEARITY
POWER
OUTPUT WARRANTY



25 YEARS OF EXCELLENT
PRODUCTS MATERIAL
AND PROCESS WARRANTY



ISO 9001:2008 ISO 14001:2004
ISO 45001:2018 TUV CE CQC
IEC 61215, IEC 61730

MECHANICAL PROPERTIES

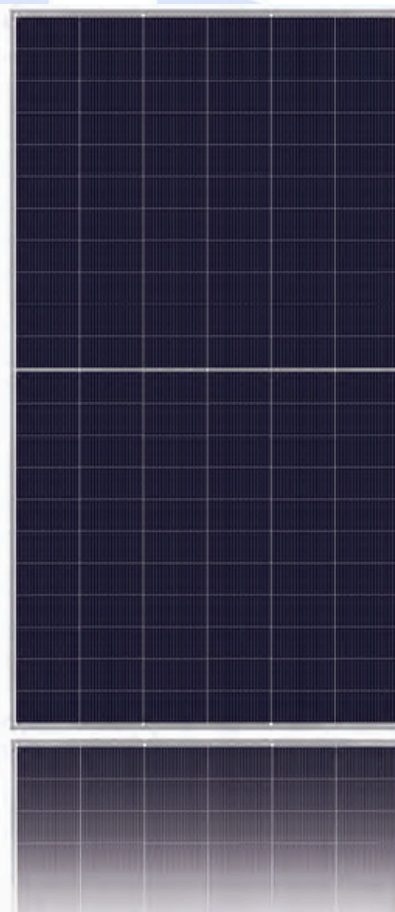
Cell Type	210R HJT
Component Weight	38kg
Component Size	2384x1303x35mm
Number of Cells	132(6x22)
Cable Cross-sectional Area	4mm ²
Junction Box	IP68, 3 diodes
Connector	MC4-EVO2
Packaging information	31 pcs/pallet/216Pcs per20"GP 558 pcs per 40 'HC

WORKING PARAMETERS

Maximum system voltage	1500V (TUV)
Operating temperature	-40°C~+ 85°C
Maximum series fuse rating	35A
Application Level	ClassA

ELECTRICAL PERFORMANCE PARAMETERS UNDER STC

Model	DHM66D50-700/HJT	DHM66D50-705/HJT	DHM66D50-710/HJT	DHM66D50-715/HJT	DHM66D50-720/HJT	DHM66D50-725/HJT
Maximum power (Pmax/W)	700	705	710	715	720	725
Voltage at maximum power point (Vmp/V)	41.50	41.70	41.90	42.10	42.30	42.50
Current at maximum power point (Imp/A)	16.87	16.91	16.95	16.98	17.02	17.06
Open circuit voltage (Voc/V)	49.50	49.80	50.10	50.30	50.50	50.70
Short circuit current (Isc/A)	18.02	18.09	18.16	18.34	18.30	18.37
Component efficiency [%]	22.53%	22.70%	22.86%	23.02%	23.18%	23.34%
Power tolerance (W)	0~+5					
Temperature Coefficient of Pmax	-0.29%/°C					
Temperature Coefficient of Voc	-0.24%/°C					
Temperature Coefficient of Isc	0.04%/°C					
Standard test environment	Irradiance 1000W/m ² , cell temperature 25°C, spectrum AM1.5					



CONTACT US

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DHM66D50-TP

695-720W

High performance transparent N-type double glass bifacial solar module



30 YEAR LINEARITY
POWER
OUTPUT WARRANTY



25 YEARS OF EXCELLENT
PRODUCTS MATERIAL
AND PROCESS WARRANTY



ISO 9001: Quality Management System
ISO 45001: Occupational Health And Safety
Management System
IEC 61215, IEC 61730

MECHANICAL PROPERTIES

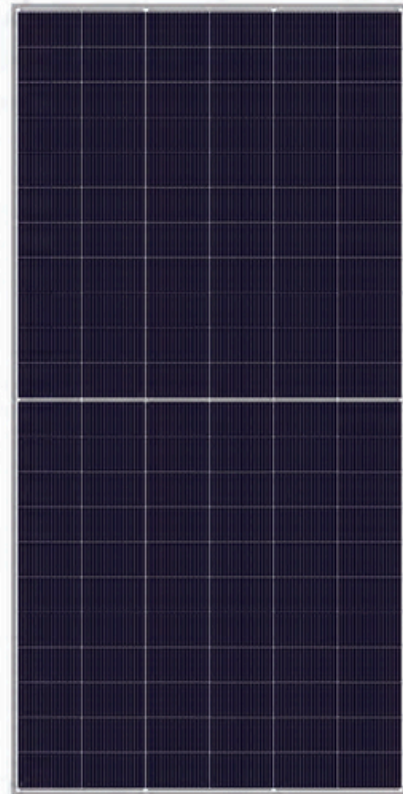
Cell Type	210 N-type
Component Weight	38kg
Component Size	2384x1303x30mm
Number of Cells	132(6x22)
Cable Cross-sectional Area	4mm ²
Junction Box	IP68, 3 diodes
Connector	MC4-EVO2
Packaging Information	36 pieces/pallet 648 pieces /40 'container

WORKING PARAMETERS

Maximum system voltage	1500V (TUV)
Operating temperature	-40°C~+ 85°C
Maximum series fuse rating	35A
Application Level	ClassA

ELECTRICAL PERFORMANCE PARAMETERS UNDER STC

Model	DHM66D50- 695/TP	DHM66D50- 700/TP	DHM66D50- 705/TP	DHM66D50- 710/TP	DHM66D50- 715/TP	DHM66D50- 720/TP
Maximum power (W)	695	700	705	710	715	720
Voltage at maximum power point (VMP/V)	40.25	40.50	40.75	41.00	41.25	41.50
Current at maximum power point (IMP/A)	17.27	17.28	17.30	17.32	17.33	17.35
Open circuit voltage (VOC/V)	48.20	48.50	48.80	49.10	49.40	49.70
Short circuit current (ISC/A)	18.31	18.34	18.37	18.40	18.45	18.51
Component efficiency [%]	22.37%	22.53%	22.70%	22.86%	23.02%	23.18%
Power tolerance (W)	0~+5					
Temperature Coefficient of Pmax	-0.29%/°C					
Temperature Coefficient of Voc	-0.24%/°C					
Temperature Coefficient of Isc	0.04%/°C					
Standard test environment	Irradiance 1000W/m ² , cell temperature 25°C, spectrum AM1.5					



CONTACT US

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DHM78D30-TP

635-660W

High performance transparent N-type double glass
bifacial solar module



30 YEAR LINEARITY
POWER
OUTPUT WARRANTY



25 YEARS OF EXCELLENT
PRODUCTS MATERIAL
AND PROCESS WARRANTY



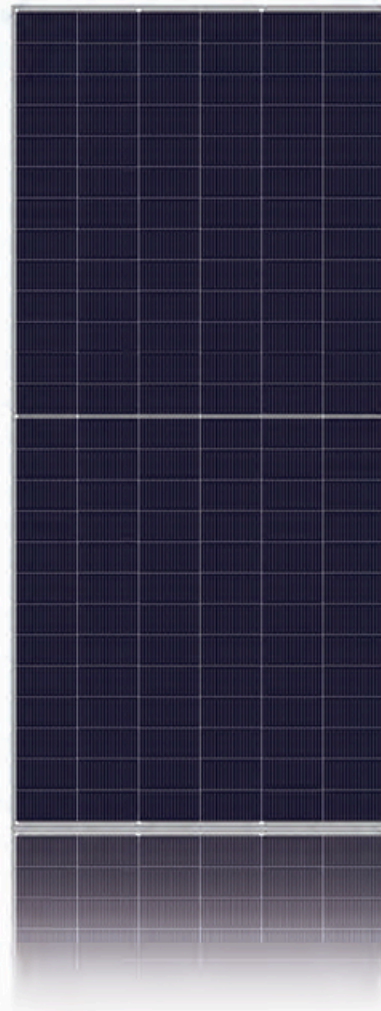
ISO 9001: 2008 ISO 14001:2004
ISO 45001:2018 TUV CE CQC
IEC 61215, IEC 61730

MECHANICAL PROPERTIES

Cell type	Monocrystalline-N-type
Component weight	35.5kg
Component Size	2465x1134x30mm
Number of Cells	156(6x26)
Cable cross-sectional area	4mm ²
Junction Box	IP68, 3 diodes
Connector	MC4-EVO2
Packaging information	36 pieces/pallet 576 pieces /40 'container

WORKING PARAMETERS

Maximum system voltage	1500V (TUV)
Operating temperature	-40°C~+ 85°C
Maximum series fuse rating	30A
Application Level	ClassA



ELECTRICAL PERFORMANCE PARAMETERS UNDER STC

Model	DHM78D30- 635/TP	DHM78D30- 640/TP	DHM78D30- 645/TP	DHM78D30- 650/TP	DHM78D30- 655/TP	DHM78D30- 660/TP
Maximum Power (Pmax) [W]	635	640	645	650	655	660
Voltage at maximum Power point (VMP) [V]	47.70	47.90	48.10	48.30	48.50	48.70
Current at maximum Power point (Imp) [A]	13.31	13.36	13.41	13.46	13.51	13.55
Open circuit Voltage (Voc) [V]	57.15	57.30	57.45	57.60	57.75	57.90
Short circuit Current (Isc) [A]	13.94	14.00	14.06	14.12	14.18	14.24
Component Efficiency [%]	22.72%	22.90%	23.07%	23.25%	23.43%	23.61%
Power Tolerance	0~+5					
Temperature Coefficient of Pmax	-0.29%/°C					
Temperature Coefficient of Voc	-0.25%/°C					
Temperature Coefficient of Isc	0.044%/°C					
Standard test environment	Irradiance 1000W/m ² , cell temperature 25°C, spectrum AM1.5					



CONTACT US

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DHM72D30-TP

575-600W

High performance transparent N-Type double glass
bifacial solar module



30 YEAR LINEARITY
POWER
OUTPUT WARRANTY



25 YEARS OF EXCELLENT
PRODUCTS MATERIAL
AND PROCESS WARRANTY



ISO 9001: 2008 ISO 14001:2004
ISO 45001:2018 TUV CE CQC
IEC 61215, IEC 61730

MECHANICAL PROPERTIES

Cell Type	Monocrystalline-N-type
Component Weight	31kg
Component Size	2279x1134x30mm
Number of Cells	144(6x24)
Cable Cross-sectional Area	4mm ²
Junction Box	IP68, 3 diodes
Connector	MC4-EVO2
Packaging information	36 pieces/pallet 720 pieces /40' container

WORKING PARAMETERS

Maximum system voltage	1500V (TUV)
Operating temperature	-40°C~+ 85°C
Maximum series fuse rating	30A
Application Level	ClassA

ELECTRICAL PERFORMANCE PARAMETERS UNDER STC

Model	DHM72D30- 575/TP	DHM72D30- 580/TP	DHM72D30- 585/TP	DHM72D30- 590/TP	DHM72D30- 595/TP	DHM72D30- 600/TP
Maximum Power (Pmax) [W]	575	580	585	590	595	600
Voltage at Maximum Power Point (Vmp) [V]	43.75	43.95	44.15	44.35	44.55	44.75
Current at Maximum Power Point (Imp) [A]	13.14	13.20	13.25	13.30	13.36	13.41
Open Circuit Voltage (Voc) [V]	52.30	52.50	52.70	52.90	53.10	53.30
Short Circuit Current (Isc) [A]	13.87	13.93	13.99	14.05	14.11	14.17
Component Efficiency [%]	22.25%	22.44%	22.64%	22.83%	23.02%	23.22%
Power Tolerance	0~+5					
Temperature Coefficient of Pmax	-0.29%/°C					
Temperature Coefficient of Voc	-0.25%/°C					
Temperature Coefficient of Isc	0.044%/°C					
Standard test environment	Irradiance 1000W/m ² , cell temperature 25°C, spectrum AM1.5					



CONTACT US

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DHM72T31-TP

555-585W

High efficiency N-type module



30 YEAR LINEARITY
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25 YEARS OF EXCELLENT
PRODUCTS MATERIAL
AND PROCESS WARRANTY



ISO 9001: 2008 ISO 14001:2004
ISO 45001:2018 TUV CE CQC
IEC 61215, IEC 61730

MECHANICAL PROPERTIES

Cell Type	Monocrystalline-N-type
Component Weight	28kg
Component Size	2279x1134x35mm
Number of Cells	144(6x24)
Cable Cross-sectional Area	4mm ²
Junction Box	IP68, 3 diodes
Connector	MC4-EVO2
Packaging information	31 pieces/pallet 620 pieces /40' container

WORKING PARAMETERS

Maximum System Voltage	1500V DC
Operating Temperature	-40°C~+ 85°C
Maximum Fuse Current Rating	25A
Application Level	ClassA

ELECTRICAL PERFORMANCE PARAMETERS UNDER STC

	DHM72T31- 555/TP	DHM72T31- 560/TP	DHM72T31- 565/TP	DHM72T31- 570/TP	DHM72T31- 575/TP	DHM72T31- 580/TP	DHM72T31- 585/TP
Maximum Power (Pmax) [W]	555	560	565	570	575	580	585
Voltage at Maximum Power Point (Vmp) [V]	42.95	43.25	43.55	43.85	44.15	44.45	44.75
Current at Maximum Power Point (Imp) [A]	12.92	12.95	12.97	13.00	13.02	13.05	13.07
Open Circuit Voltage (Voc) [V]	50.10	50.30	50.50	50.70	50.90	51.10	51.30
Short Circuit Current (Isc) [A]	14.01	14.07	14.13	14.19	14.25	14.31	14.37
Component Efficiency [%]	21.48%	21.67%	21.86%	22.06%	22.25%	22.44%	22.64%
Power Tolerance	0~+5						
Temperature Coefficient of Pmax	-0.29%/°C						
Temperature Coefficient of Voc	-0.25%/°C						
Temperature Coefficient of Isc	0.044%/°C						
Standard test environment	Irradiance 1000W/m ² , cell temperature 25°C, spectrum AM1.5						



CONTACT US

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DHM60D30-TP

485-510W

High performance transparent N-type double glass bifacial solar module



30 YEAR LINEARITY
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OUTPUT WARRANTY



25 YEARS OF EXCELLENT
PRODUCTS MATERIAL
AND PROCESS WARRANTY



ISO 9001: 2008 ISO 14001:2004
ISO 45001:2018 TUV CE CQC
IEC 61215, IEC 61730

MECHANICAL PROPERTIES

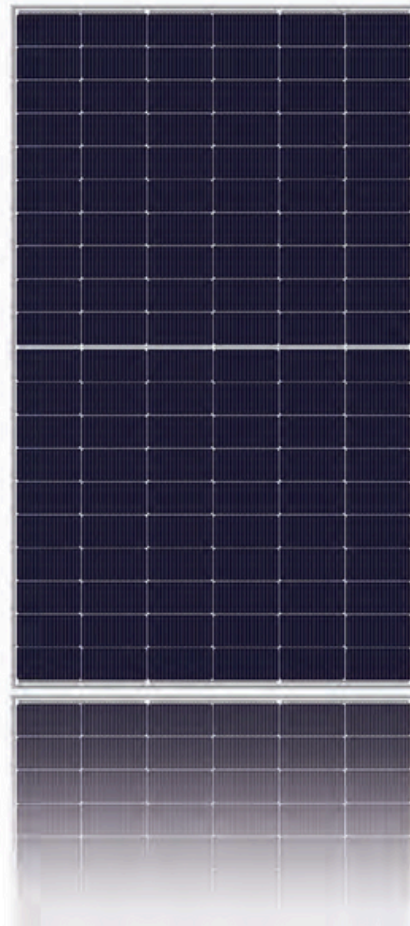
Cell Type	Monocrystalline-N-type
Component Weight	26kg
Component Size	1908x1134x30mm
Number of Cells	120(6x20)
Cable Cross-sectional Area	4mm ²
Junction Box	IP68, 3 diodes
Connector	MC4-EVO2
Packaging information	36 pieces/pallet 864 pieces /40 'container

WORKING PARAMETERS

Maximum system voltage	1500V (TUV)
Operating temperature	-40°C~+ 85°C
Maximum series fuse rating	30A
Application Level	ClassA

ELECTRICAL PERFORMANCE PARAMETERS UNDER STC

Model	DHM60D30-485/TP	DHM60D30-490/TP	DHM60D30-495/TP	DHM60D30-500/TP	DHM60D30-505/TP	DHM60D30-510/TP
Maximum power (Pmax/W)	485	490	495	500	505	510
Voltage at maximum power point (Vmp/V)	36.55	36.75	36.95	37.15	37.35	37.55
Current at maximum power point (Imp/A)	13.27	13.33	13.40	13.46	13.52	13.58
Open circuit voltage (Voc/V)	43.50	43.70	43.90	44.10	44.30	44.50
Short circuit current (Isc/A)	13.87	13.93	13.99	14.05	14.11	14.17
Component efficiency [%]	22.42%	22.65%	22.88%	23.11%	23.34%	23.57%
Power tolerance (W)	0~+5					
Temperature Coefficient of Pmax	-0.29%/°C					
Temperature Coefficient of Voc	-0.25%/°C					
Temperature Coefficient of Isc	0.044%/°C					
Standard test environment	Irradiance 1000W/m ² , cell temperature 25°C, spectrum AM1.5					



CONTACT US

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DHM54D35-TP

425-450W

High performance N-Type double glass bifacial solar module



30 YEAR LINEARITY
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OUTPUT WARRANTY



25 YEARS OF EXCELLENT
PRODUCTS MATERIAL
AND PROCESS WARRANTY



ISO 9001: Quality Management System
ISO 45001: Occupational Health And Safety
Management System
IEC 61215, IEC 61730

MECHANICAL PROPERTIES

Cell Type	Monocrystalline-N-type
Component Weight	22kg
Component Size	1762x1134x30mm
Number of Cells	108(6x18)
Cable Cross-sectional Area	4mm ²
Junction Box	IP68, 3 diodes
Connector	MC4-EVO2
Packaging information	36 pcs/pallet/216Pcs per20"GP 936 pcs per 40 'HC

WORKING PARAMETERS

Maximum system voltage	1500V (TUV)
Operating temperature	-40°C~+ 85°C
Maximum series fuse rating	25A
Application Level	ClassA

ELECTRICAL PERFORMANCE PARAMETERS UNDER STC

Model	DHM54D35- 425/TP	DHM54D35- 430/TP	DHM54D35- 435/TP	DHM54D35- 440/TP	DHM54D35- 445/TP	DHM54D35- 450/TP
Maximum power (Pmax/W)	425	430	435	440	445	450
Voltage at maximum power point (Vmp/V)	32.15	32.35	32.55	32.75	32.95	33.15
Current at maximum power point (Imp/A)	13.22	13.29	13.36	13.44	13.51	13.57
Open circuit voltage (Voc/V)	37.35	37.55	37.75	37.95	38.15	38.35
Short circuit current (Isc/A)	13.94	14.01	14.08	14.15	14.21	14.28
Component efficiency [%]	21.27%	21.52%	21.77%	22.02%	22.27%	22.52%
Power tolerance (W)	0~+5					
Temperature Coefficient of Pmax	-0.350%/°C					
Temperature Coefficient of Voc	-0.274%/°C					
Temperature Coefficient of Isc	0.044%/°C					
Standard test environment	Irradiance 1000W/m ² , cell temperature 25°C, spectrum AM1.5					



CONTACT US

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DHM54T31-TP

410-435W

High efficiency N-type module



30 YEAR LINEARITY
POWER
OUTPUT WARRANTY



25 YEARS OF EXCELLENT
PRODUCTS MATERIAL
AND PROCESS WARRANTY



ISO 9001: 2008 ISO 14001:2004
ISO 45001:2018 TUV CE CQC
IEC 61215, IEC 61730

MECHANICAL PROPERTIES

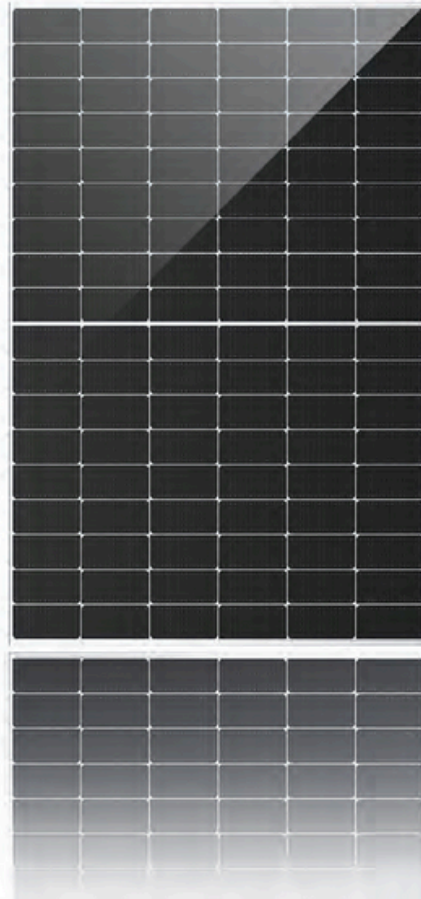
Cell Type	Monocrystalline-N-type
Component Weight	21.5kg
Component Size	1722x1134x30mm
Number of Cells	108(6x18)
Cable Cross-sectional Area	4mm ²
Junction Box	IP68, 3 diodes
Connector	MC4-EVO2
Packaging information	36 pieces/pallet 936 pieces /40 'container

WORKING PARAMETERS

Maximum System Voltage	1500V (TUV)
Operating Temperature	-40°C~+ 85°C
Maximum Fuse Current Rating	25A
Application Level	ClassA

ELECTRICAL PERFORMANCE PARAMETERS UNDER STC

Model	DHM54T31-410/TP	DHM54T31-415/TP	DHM54T31-420/TP	DHM54T31-425/TP	DHM54T31-430/TP	DHM54T31-435/TP
Maximum Power (Pmax) [W]	410	415	420	425	430	435
Voltage at maximum Power point (Vmp) [V]	31.65	31.85	32.05	32.25	32.45	32.65
Current at maximum Power point (Imp) [A]	12.95	13.03	13.10	13.18	13.25	13.32
Open circuit Voltage (Voc) [V]	37.53	37.78	38.03	38.28	38.53	38.78
Short circuit Current (Isc) [A]	13.90	13.94	13.99	14.04	14.09	14.13
Component Efficiency [%]	21.00%	21.25%	21.51%	21.76%	22.02%	22.28%
Power Tolerance	0~+5					
Temperature Coefficient of Pmax	-0.29%/°C					
Temperature Coefficient of Voc	-0.25%/°C					
Temperature Coefficient of Isc	0.044%/°C					
Standard test environment	Irradiance 1000W/m ² , cell temperature 25°C, spectrum AM1.5					



CONTACT US

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Low Voltage Single-phase hybrid energy storage inverter

HyS-3KW/3.6KW/4KW/4.6KW/5KW/6KW/8KW

Model	HyS3K	HyS3.6K	HyS4K	HyS4.6K	HyS5K	HyS6K	HyS8K
Battery input data							
Battery Type	Lithium or lead acid battery						
Rated battery voltage(V)	48						
Maximum charging voltage(V)	≤60 (Configurable)						
Maximum charge/discharge current(A)	75	90	100	110	120	120	190
PV input data							
Maximum DC input power(kw)	6	7.2	8	9.2	10	12	16
Maximum DC input voltage(V)	500						
MPPT Operating voltage range(V)	150~450						
Starting voltage(V)	125						
Maximum input current(A)	18	18/18	18/18	18/18	18/18	18/18	30/18
MPPT number	1	2	2	2	2	2	2
AC output parameters (On-Grid)							
Maximum output apparent power (KW)	3.3	3.96	4.4	5	5.5	6	8.8
Rated output voltage(V)	220/230						
Rated output frequency(Hz)	50/60HZ						
Max output current(A)	15	18	20	22	25	27	40
Output power factor	~1 (-0.8 leading~+0.8 lagging)						
AC output parameters(Off-Grid)							
Rated output apparent power(VA)	3000	3600	4000	4600	5000	6000	8000
Maximum output apparent power(VA)	6000,15sec	7200,15sec	8000,15sec	9200,15sec	10000,15sec	10000,15sec	10000,15sec
Rated output voltage(V)	230(±2%)						
Rated output frequency(Hz)	50/60(±0.2%)						
Max output current(A)	14	16	18	21	23	27	40
Efficiency							
Max efficiency(PV)	98%						
Max efficiency(cell)	94.5%						
Europe efficiency	97.5%						
Protection							
PV input reverse polarity protection	Yes						
PV insulation resistance detection	Yes						
Residual current detection	Yes						
Output over current protection	Yes						
Output short circuit protection	Yes						
Output over voltage protection	Yes						
Basic data							
Operation temperature (°C)	-25~60						
Storage temperature (°C)	-30~65						
Relative humidity	0~95%						
Working altitude (m)	≤4000						
Cooling	Air cooling						
Noise (db)	<55						
Weight (Kg)	20						
Size (width x height x depth) (mm.)	427*554*198						
Protection class	IP66						
Topology	HF isolation (Battery side)						



CONTACT US

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Three Phase Low voltage Hybrid Inverte

HyL8 /10 /12K

Model	HyL8K	HyL10K	HyL12K
Battery input data			
Battery Type	Lithium or lead acid battery		
Rated battery voltage(V)	48		
Maximum charging voltage(V)	≤60 (Configurable)		
Maximum charge/discharge current(A)	190	210	250
PV input data			
Maximum DC input power(kw)	16	20	24
Maximum DC input voltage(V)	1000		
MPPT Operating voltage range(V)	200~800		
Starting voltage(V)	150		
Maximum input current(A)	18/18	36/18	36/18
MPPT number	2	2	2
AC output parameters (On-Grid)			
Maximum output apparent power (VA)	8000	11000	13200
Rated output voltage(V)	380/400		
Rated output frequency(Hz)	50/60HZ		
Max output current(A)	13.3	16.7	20
Output power factor	1 (0.8 leading~0.8 lagging)		
AC output parameters(Off-Grid)			
Rated output apparent power(VA)	8000	10000	12000
Maximum output apparent power(VA)	16000,15sec	20000,15sec	24000,15sec
Rated output voltage(V)	380/400		
Rated output frequency(Hz)	50/60		
Max output current(A)	13.3	16.7	20
Efficiency			
Max efficiency(PV)	98%		
Max efficiency(battery)	94.5%		
Europe efficiency	97.5%		
Protection			
PV input reverse polarity protection	Yes		
PV insulation resistance detection	Yes		
Residual current detection	Yes		
Output over current protection	Yes		
Output short circuit protection	Yes		
Output over voltage protection	Yes		
Basic data			
Operation temperature (°C)	-25~60(>45derate)		
Storage temperature (°C)	-30~65		
Relative humidity	0~95%		
Working altitude (m)	≤4000(>2000m derate)		
Cooling	Air cooling		
Noise (db)	<55		
Weight (Kg)	38		
Size (width x height x depth) (mm)	475X683X256		
Protection class	IP66		
Topology	HF isolation (Battery side)		



CONTACT US

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High Voltage Three-phase hybrid energy storage inverter

Hy-4.0KW/5.0KW/6.0KW/8.0KW/10.0KW/12.0KW

Model No	Hy4K	Hy5K	Hy6K	Hy8K	Hy10K	Hy12K
Input (DC)						
Max DC power	6000W	7500W	9000W	12000W	15000W	15000W
Max DC voltage				1000Vd.c.		
MPPT voltage range				200...850Vd.c.		
Max input current/per string				13A/13A		
Max input short circuit per MPPT				18A/18A		
Number of MPP trackers				2		
Strings per MPP tracker				1		
Battery Input						
Battery Type				Li-Ion		
Battery voltage range				130-700V		
Maximum charge/discharge current				25/25A		
Charge strategy for Li-Ion Battery				Self-adaptation to BMS		
Output (AC)						
AC nominal power	4000VA	5000VA	6000VA	8000VA	10000VA	12000VA
Max AC apparent power	5000VA	5500VA	7000VA	8800VA	11000VA	13200VA
Max output current	8A	10A	12A	15A	17A	20A
Nominal AC output				50/60Hz: 400/350		
AC output range				45/55Hz;280~490Vac(Adj)		
Power factor				0.8leading...0.8lagging		
Harmonics factor				<3%		
Grid type				3W/N/PE		
Three-phase unbalance output	0~100%	0~100%	0~100%	0~100%	0~100%	0~80%
AC Output (Back-up)						
Max AC apparent power	4000VA	5000VA	6000VA	8000VA	10000VA	10000VA
Nominal Output Voltage				400/380V		
Nominal Output Frequency				50/60HZ		
Output THDV (@Linear Load)				<3%		
Efficiency						
Maximum conversion efficiency	98.0%	98.0%	98.2%	98.2%	98.2%	98.2%
European efficiency	97.3%	97.3%	97.5%	97.5%	97.5%	97.5%
Max battery to AC Efficiency	97.2%	97.2%	97.4%	97.4%	97.4%	97.4%
MPPT efficiency	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%
Safety and Protection						
DC reverse-polarity protection				yes		
DC breaker				yes		
DC/AC SPD				yes		
Leakage current protection				yes		
Insulation Impedance Detection				yes		
Residual Current protection				yes		
Output short circuit protection				yes		
Battery reverse connection protection				yes		
General Parameters						
Dimension (W/H/D)				548*444*184mm		
Weight				27 kg		
Operating temperature range °C				-25°C...+60°C		
Degree of protection				IP65		
Cooling concept				Natural convection		
Topology				Transformerless		
Display				LCD		
Humidity				0-95%,no condensation		
Communication				Standard WiFi;GPRS/LAN(optional)		
Warranty				Standard 5 years; 7/10 years optional		
BMS communication				CAN/RS485		
Meter communication				RS485		



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Single Phase on grid inverter

HonS-1.0KW/1.5KW/2.2KW/3.0KW/3.6KW/
4.4KW/5.0KW/6.0KW

(High current model, optional)

Model No	HanS1000	HanS1500	HanS2200	HanS3000	HanS3600	HanS4400	HanS5000	HanS6000
DC Side / Input Parameters								
Max DC power (W)	1500W	2250W	3300W	4500W	5400W	6600W	7500W	7500W
Max DC voltage (Vdc)	450	450	500	500	500	500	500	500
Min System start/Shut down voltage (Vdc)	65/70	75/100	75/100	75/100	75/100	75/100	75/100	75/100
MPPT voltage range(Vdc)	70-450	100-450	100-450	100-450	100-450	100-450	100-450	100-450
Max. input current (A)			13A(18A)				13A/13A(22A)	
Max.input short circuit per MPPT			13A(25A)				17A/17A(30A)	
Number of MPP trackers			1				2	
Strings per MPP tracker			1				1	
AC Side / Output Parameters								
Nominal output power (W)	1000	1500	2200	3000	3600	4000	5000	6000
Maximum output power (W)	1100	1650	2420	3300	3960	4400	5500	6600
Nominal output voltage/range (V)								
AC grid frequency/range (Hz)								
Maximum output current (A)	6	8	12	16	16	21	23	26
AC connection (with PE)								
Current distortion(THDI)		<1.5%	<1.5%	<1.5%	<1.5%	<2.5%	<2.5%	<2.5%
Power factor								
Efficiency								
Maximum conversion efficiency	97.3%	97.3%	97.4%	97.5%	97.8%	97.8%	97.5%	97.6%
European efficiency	97.0%	97.0%	97.1%	97.2%	97.3%	97.3%	97.2%	97.3%
MPPT efficiency	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%
Safety and Protection								
DC reverse-polarity protection					yes			
Anti-islanding / Overvoltage protection					yes			
Short circuit protection					yes			
Leakage current protection					yes			
Grid monitoring / Ground fault monitoring					yes			
DC/AC side SPD(thermally protected)					yes			
General Parameters								
Dimension (L/W/H)(mm)		370/277/115				434/340/115(370/277/115)		
Embedded DC Switch		7				8(7)		
Night power consumption (W)					Optional			
Isolation type					<0.2			
Protection degree					Transformerless			
Operation temperature (°C)					IP65 according to IEC60529			
Cooling concept					-25~+60			
Operating Altitude (m)					Natural convection			
Acoustic noise level (dB)					<2000m without power derating			
Display					<25			
Weight (kg)					Graphic LCD			
Communication Interface					Standard WIFI; RS485 (optional)			
Warranty					5 years; 5/7/10 years for optional			





Single Phase on grid inverter

HonS-8.0KW/10.0KW

Model No	HonSR000	HonS10000
DC Side / Input Parameters		
Max DC power (W)	12000W	15000W
Max DC voltage (Vdc)		550Vd.c.
Min System start/Shut down voltage (Vdc)		75/100
MPPT voltage range(Vdc)		100~500Vd.c.
Max. input current (A)		28A/18A
Number of MPP trackers		2
Strings per MPP tracker		2
AC Side / Output Parameters		
Nominal output power (W)	8000	10000
Maximum output power (W)	8800	10500
Nominal output voltage/range (V)		208,220,230,240/180~270
AC grid frequency/range (Hz)		50Hz,60Hz(auto-selection)/ 44Hz-55Hz; 54Hz-65Hz
Maximum output current (A)	38.5	45.6
AC connection (with PE)		L+N+PE
Current distortion(THDi)		<2.5%
Power factor		~1%(Adjustable from 0.8 leading to 0.8 lagging)
Efficiency		
Maximum conversion efficiency		98.1%
European efficiency		97.5%
MPPT efficiency		99.9%
Safety and Protection		
DC reverse-polarity protection		yes
Anti-islanding / Overvoltage protection		yes
Short circuit protection		yes
Leakage current protection		yes
Grid monitoring / Ground fault monitoring		yes
DC/AC side SPD(thermally protected)		yes
General Parameters		
Dimension (L/W/H)(mm)		434/340/115
Embedded DC Switch		10
Night power consumption (W)		Optional
Isolation type		<0.2
Protection degree		Transformerless
Operation temperature (°C)		IP65 according to IEC60529
Cooling concept		-25~+60
Operating Altitude (m)		Natural convection
Acoustic noise level (dB)		<2000m without power derating
Display		<25
Weight (kg)		Graphic LCD
Communication Interface		Standard WiFi; RS485 (optional)
Warranty		Standard 5 years; 7/10 years optional



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Three Phase on grid inverter

HonT-4.0KW/5.0KW/6.0KW/8.0KW/10.0KW/
12.0KW/15.0KW

Model No	HonT4K	HonT5K	HonT6K	HonT8K	HonT10K	HonT12K	HonT15K
Input (DC)							
Max DC power (W)	5500W	6500W	7500W	9500W	11500W	18000W	22500W
Max DC voltage (Vdc)				1000Vd.c.			
Min working voltage (Vdc)				160Vd.c.			
MPPT voltage range (Vdc)				160...850Vd.c.			
Max input current / per string (A)				18A/18A			
Max.input short circuit per MPPT				25A/25A			
Number of MPP trackers				2			
Strings per MPP tracker				1			
Output (AC)							
AC nominal power (W)	4000	5000	6000	8000	10000	12000	15000
Max AC apparent power (VA)	5000	6000	7000	8800	11000	13200	16500
Max output current (A)	8	10	12	15	17	20	23
Nominal AC output				50/60 Hz; 400 Vac			
AC output range				45/55 Hz ; 280 ~ 490 Vac (Adj)			
Power factor				0.8leading...0.8lagging			
THD				< 5%			
Grid type				3 W/N/PE			
Efficiency							
Max efficiency	98.0%	98.2%	98.2%	98.3%	98.4%	98.4%	98.2%
Euro efficiency	97.5%	97.7%	97.7%	97.8%	97.9%	97.9%	98.0%
MPPT efficiency	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%
Safety and Protection							
DC reverse-polarity protection				yes			
DC breaker				yes			
DC/AC SPD				yes			
Leakage current protection				yes			
Insulation Impedance Detection				yes			
Residual Current protection				yes			
General Parameters							
Dimension (W/H/D)(mm)				480*476*157			
Weight (kg)				16			
Operating temperature range °C				-25 ~ +60			
Degree of protection				IP65			
Cooling concept				Smart Cooling			
Topology				Transformerless			
Display				LCD			
Humidity				0-95%, no condensation			
Communication				RS485/WiFi/GPRS			
Warranty				Standard 5 years			



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Three Phase on grid inverter

HonT-17.0KW/20.0KW/25.0KW

Model No	HonT17K	HonT20K	HonT25K
Input (DC)			
Max DC power (W)	25500W	30000W	30000W
Max DC voltage (Vdc)		1000Vd.c.	
Min working voltage (Vdc)		250Vd.c.	
MPPT voltage range (Vdc)		200...850Vd.c.	
Max input current / per string (A)	26A/26A		36A/26A
Number of MPP trackers		2	
Strings per MPP tracker		2	
Output (AC)			
AC nominal power (W)	17000	20000	25000
Max AC apparent power (VA)	18700	22000	27500
Max output current (A)	25	30	36
Nominal AC output		50/60 Hz; 400 Vac	
AC output range		45/55 Hz ; 280 ~ 490 Vac (Adj)	
Power factor		0.8leading...0.8lagging	
THD		< 1.5%	
Grid type		3 W/N/PE	
Efficiency			
Max efficiency	98.5%	98.5%	98.5%
Euro efficiency	98.1%	98.1%	98.2%
MPPT efficiency	99.9%	99.9%	99.9%
Safety and Protection			
DC reverse-polarity protection		yes	
DC breaker		yes	
DC/AC SPD		yes	
Leakage current protection		yes	
Insulation Impedance Detection		yes	
Residual Current protection		yes	
General Parameters			
Dimension (W/H/D)(mm)		520*510*160	
Weight (kg)		23	
Operating temperature range °C		-25 ~ +60	
Degree of protection		IP65	
Cooling concept		Smart Cooling	
Topology		Transformerless	
Display		LCD	
Humidity		0-95%, no condensation	
Communication		RS485/WiFi/GPRS	
Warranty		Standard 5 years	



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Three Phase on grid inverter

HonT-30/33/36/40/50K

Model Name	HonT30K	HonT33K	HonT36K	HonT40K	HonT50K
Input					
Max. DC input power	4500W	49500W	54000W	60000W	75000W
Max. DC input voltage			1100V		
Max. DC input current	40A/40A/20A			40A/40A/20A/20A	
MPPT voltage range			200-1000V		
Recommended MPP operating voltage			650V		
No. of MPPT		3		4	
Max. no. of strings per MPPT		2/2/2		2/2/2/2	
Output					
Rated output power	30000W	33000W	36000W	40000W	50000W
Max. output power	33KVA	36.3KVA	39.6KVA	44KVA	55KVA
Max. output current	48A	53A	56A	65A	80A
Rated grid voltage			400V		
Grid voltage range			310-480Vac		
Rated grid frequency			50Hz/60Hz		
Grid frequency range			45~55Hz/55~65Hz		
THD			<2% (Under the rated power)		
Power factor	>0.99 (Under the rated power) / Adjustable range: 0.8 leading~0.8 lagging				
DC current injection			<0.5% (Under the rated power)		
System data					
Max. efficiency	98.6%	98.6%	98.6%	98.6%	98.7%
Euro. efficiency	98.1%	98.1%	98.1%	98.2%	98.2%
Humidity range			0~100%, non-condensing		
Cooling type			Intelligent forced air cooling		
Temperature range			-25℃~+60℃		
Power consumption at night			<1W		
Max. working altitude			2000m		
Display			LED indication / LCD display (Optional)		
Communication interface			Wifi/RS485/GPRS (Optional)		
Protection					
DC reverse-polarity protection			Yes		
Short circuit protection			Yes		
Output over current protection			Yes		
Output over voltage protection			Yes		
Insulation resistance monitoring			Yes		
Residual current detection			Yes		
Surge protection			Yes		
Grid monitoring			Yes		
Islanding protection			Yes		
Temperature protection			Yes		
Integrated DC switch			Yes		
Mechanical data					
Dimensions (WxHxD)			610x564x218mm		
Weight			37Kg		
Protection class			IP66		



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Three Phase on grid inverter

HonT-80/90/100/110/125K

Model Name	HonT80K	HonT90K	HonT100K	HonT110K	HonT125K
Input					
Max. DC input power	120KW	135KW	150KW	165KW	187.5KW
Max. DC input voltage			1100V		
Max. DC input current	30A*8	30A*9	30A*10	30A*10	30A*10
MPPT voltage range			200~1000V		
Recommended MPP operating voltage			600V		
No. of MPPT	8	9	10	10	10
Max. no. of strings per MPPT			2		
Output					
Rated output power	80KW	90KW	100KW	110KW	125KW
Max. output power	88KVA	99KVA	110KVA	121KVA	137.5KVA
Max. output current	127A	142.9A	158.8A	174.6A	199.3A
Rated grid voltage			400V		
Grid voltage range			310~480Vac		
Rated grid frequency			50Hz/60Hz		
Grid frequency range			45~55Hz/55~65Hz		
THD			< 2% (Under the rated power)		
Power factor		>0.99(rated power) /0.8 leading ~ 0.8 lagging			
DC current injection			< 0.5% (Under the rated power)		
System data					
Max. efficiency	98.6%	98.6%	98.7%	98.7%	98.9%
Euro. efficiency	98.1%	98.1%	98.1%	98.1%	98.2%
Humidity range			0-100% non-condensing		
Cooling type			Intelligent forced air cooling		
Temperature range			-25~+60℃		
Power consumption at night			< 1W		
Max. working altitude			2000m		
Display			LED/LCmD(optional)		
Communication interface			RS485/Wifi/GPRS(optional)		
Protection					
DC reverse-polarity protection			Yes		
Short circuit protection			Yes		
Output over current protection			Yes		
Output over voltage protection			Yes		
Insulation resistance monitoring			Yes		
Residual current detection			Yes		
Surge protection			Yes		
Grid monitoring			Yes		
Islanding protection			Yes		
Temperature protection			Yes		
Integrated DC switch			Yes		
Mechanical data					
Dimensions (WxHxD)			1050x620x333mm		
Weight			85Kg		
Protection class			IP66		



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High Voltage Three Phase on grid inverter

HonT-100/125/136K-HV

Model Name	HonT100K-HV	HonT125K-HV	HonT136K-HV
Input			
Max. DC input power	150KW	187.5KW	204KW
Max. DC input voltage		1100V	
Max. DC input current		30AX10	
MPPT voltage range		200~1000V	
Recommended MPP operating voltage		720V	
No. of MPPT		10	
Max. no. of strings per MPPT		2	
Output			
Rated output power	100KW	125KW	136KW
Max. output power	110KVA	138KVA	150KVA
Max. output current	127A	158.8A	172.6A
Rated grid voltage		500V	
Grid voltage range		422~550Vac	
Rated grid frequency		50Hz/60Hz	
Grid frequency range		45~55Hz/55~65Hz	
THD		< 2% (Under the rated power)	
Power factor		< 0.5% (Under the rated power)	
DC current injection		>0.99(rated power) /0.8 leading ~ 0.8 lagging	
System data			
Max. efficiency	98.9%	98.9%	98.9%
Euro. efficiency	98.3%	98.4%	98.4%
Humidity range		0-100% non-condensing	
Cooling type		Intelligent forced air cooling	
Temperature range		-25~+60℃	
Power consumption at night		< 1W	
Max. working altitude		2000m	
Display		LED/LCD(optional)	
Communication interface		RS485/Wifi/GPRS(optional)	
Protection			
DC reverse-polarity protection		Yes	
Short circuit protection		Yes	
Output over current protection		Yes	
Output over voltage protection		Yes	
Insulation resistance monitoring		Yes	
Residual current detection		Yes	
Surge protection		Yes	
Grid monitoring		Yes	
Islanding protection		Yes	
Temperature protection		Yes	
Integrated DC switch		Yes	
Mechanical data			
Dimensions (WxHxD)		1050x620x333mm	
Weight		85Kg	
Protection class		IP66	



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DH-CNB-231005



Product Parameters	
Product Model	DH-CNB-231005
Nominal Voltage	51.2V
Rated Capacity	104Ah
Operating Voltage	42V~58.4V
Standard Charging Current	50A
Max Charging Current	100A
Max Discharge Current	100A
Working Temperature	0~40℃(Charging)-20~40℃(Discharging)
Storage Temperature	65%±20RH-10℃~35℃(1 month)25℃±2(3 months)
Communication	CAN/RS485
Cycle Life	>6000 cycles@25℃ 50A charge and discharge 90%DOD
Altitude	0~3000
Waterproof Level	IP20
Humidity Range	5%~80%
Packaging Information	Net size: 580*460*172.4mm Carton packing: 630*500*260mm Pallet(1*1.1*1.2m)per pallet: 14 boxes 20-foot container: 150boxes40-foot container: 300boxes
Weight/kg	Net weight: 48±3 Packing weight: 50



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DHV5120-S1



Super long design life



Multiple protection



Modular design



WIFI remote O&M



Parameter	
Nominal energy	5.12kWh
Usable energy	4.86kWh
Cell configuration	1P32S
Rated voltage	102.4V dc
Operation voltage	91.2-115.2V dc
Rated capacity	50Ah
Max charge/discharge current	25A/40A
Communication	CAN R S485 WIFI
Expansion	Series: Max 8pcs
Humidity	≤95%
Operation temperature	Charge:0°C~ 50°C Discharge:-20°C~ 50°C
Dimension (L*W*H)	636*330*188mm (module)
Weight	≤48kg
Installation mode	Stack
Ingress protection	IP65
Altitude	< 2000m
Cycle life	> 6000 (25°C)
Design life	15 y ears (25°C)
Certification	CE,IEC62619,IEC61000-6-2/3,UN38.3,IEC60730,IEC62368,IEC60356

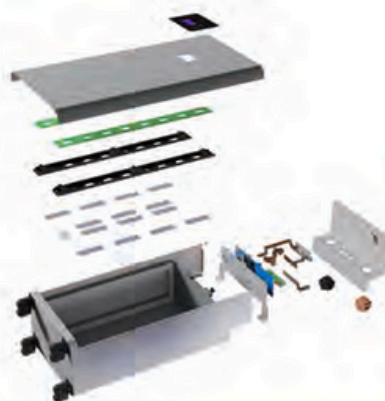
Model	DHV5120-S1-2S	DHV5120-S1-3S	DHV5120-S1-4S	DHV5120-S1-5S	DHV5120-S1-6S	DHV5120-S1-7S	DHV5120-S1-8S
Nominal energy	10.24	15.36	20.48	25.6	30.72	35.84	40.96
Usable energy	9.73	14.59	19.46	24.32	29.18	34.04	38.91
Rated voltage	204.8	307.2	409.6	512	614.4	716.8	819.2
Operation voltage	182.4~230.4	273.6~345.6	364.8~460.8	456~576	547.2~691.2	638.4~806.4	729.6~921.6
Charge voltage	224	336	448	560	672	784	896
Max charge current	25	25	25	25	25	25	25
Max discharge current	40	40	40	40	40	40	40
Weight	~117	~165	~213	~261	~309	~357	~405
Dimension(L*W*H)	636*330*628	636*330*816	636*330*1004	636*330*1192	636*330*1380	636*330*1568	636*330*1756
Design life	15 years (25°C)						



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DH-280T15



Items	Specifications
Rated energy(kWh)	14.336KWh
Configuration	1P16S
Nominal Voltage(V)	51.2V
Working Voltage(V)	42V~58.4V
Nominal Capacity(Ah)	280Ah
Rated charge/ discharge Current(A)	100A @25± 2°C
Maximum charging current	200A@25± 2°C
Maximum discharge current	200A @25± 2°C
Working Temperature	0 - 4 0 °C(Charge) - 2 0 - 4 0 °C(Discharge)
Humidity(%)	5~80%
Altitude Limited(m)	0-3000m
Weight(Kg)	113Kg± 3kg
Dimension(mm)	817×412×267mm
cycle life	6000 cycles @25°C 100ACharge and discharge current 80%DOD
IP grade	IP20
Communication mode	CAN&RS485



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SDC10-Box5 LV Series

Embedded Household Energy
Storage Lithium Battery System

5.1kWh/10.2kWh/15.3kWh/20.4kWh

Model	SDC10-Box5	SDC10-Box5	SDC10-Box5	SDC10-Box5
Battery Module	Box5*N			
Cell Type	100Ah LFP Prismatic Cell			
Number of Modules	1	2	3	4
System Nominal Energy ⁽¹⁾	5.12kWh	10.24kWh	15.36kWh	20.48kWh
Available System Nominal Energy	4.86kWh	9.72kWh	14.6kWh	19.45kWh
Nominal Voltage	51.2V			
Operating Voltage Range	45.0-56.4V			
Max.Output Power	4.1kW	5.12kW	7.68kW	10.24kW
Peak Output Power	5.4kW,10S	10.0kW,10S	15.0kW,10S	15.0kW,10S
Max. Charging Current	50A	100A	150A	150A
Max. Discharge Current	100A	150A	190A	230A
Charge and Discharge Efficiency	≥97%			
General				
Dimensions [W*H*D] ^[2]	443*135*440mm	484*330*440mm	484*495*440mm	484*660*440mm
Weight ^[3]	40kg	85kg	127.5kg	170kg
Communication	CAN/RS485			
Installation	Rack/Wall Mounted			
Enclosure Rating	IP20			
25°C Cycle Life	≥6000Cycles @80%DID&70%EOL			
Operating Temperature ^[4]	Charge:-5~45°C; Discharge:-20~50°C; Recommended:15~35°C			
Operating Humidity	5%~95%[Non-Condensing]			
Cooling Mode	Natural Cooling			
Operating Altitude	≤4000m			
Safety/Standards				
Certification	UL1973, IEC62477, IEC62619, CE-EMC, VDE2510-50, CE10-21, UKCA, UN38.3			



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DH-R100-211-CE



Model	DH-R100-211-CE
Cell Type	LFP-300Ah
Grouping Mode	1P44S*5
Charge/Discharge Rate	0.5P@25°C
Nominal Energy (kWh)	211
Voltage Range(V)	600~803
AC Side	
AC Voltage (V)	400 (-20%~15%)
Rated Power (kW)	100
PCS Maximum Efficiency (%)	98
Total Harmonic Distortion Ratio (%)	<3
System Parameters	
Work Temp Range (°C)	-20~50 (derating required at above 45°C)
Work Humidity Range (%)	5~95
Cooling Mode	Liquid-cooled
Altitude (m)	≤2000 (> 2000 Derated Use)
Maximum System Efficiency (%)	90
System Cycle Life	>8000,0.5c@25°C,90%DOD
Fire Suppression System	Aerosol FSS
Ingress Protection	IP55
Communication Port	4G、RS485、Ethernet
Communication Protocol	Modbus/MQTT
Certification	GB/T36276、IEC62619、IEC62477、IEC61000、UN38.3
Dimension (W*D*H)mm	1340*1300*2260
Weight (T)	2.6



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DH-ESS-135kW/282kWh-0.48kV
DH-ESS-135kW/289kWh-0.48kV
DH-ESS-75kW/289kWh-0.48kV

System Model	DH-ESS-135kW/282kWh-0.48kV	DH-ESS-135kW/289kWh-0.48kV	DH-ESS-75kW/289kWh-0.48kV
Battery Parameters			
Battery Cell Type	LFP/306Ah	LFP/314Ah	LFP/314Ah
Battery Configuration	1P288S	1P288S	1P288S
Battery Capacity at DC Side (BOL)	282kWh	289kWh	289kWh
Maximum C Rate / Nominal	0.5C / 2 Hours	0.5C / 2 Hours	0.26C / 3.85 Hours
Discharge Duration			
Battery Rated Voltage	921V		
Battery Voltage Range	806V~1,000V		
Battery Cooling Method	Liquid Cooling		
AC Parameters			
Rated Power	135kW	135kW	75kW
Rated Voltage	480V±10%		
Rated Frequency	60Hz		
Max.THd of Current	<3% (at nominal power)		
General Parameters			
Topology	Transformerless		
Size(W*H*D)	1,350*2,400*1,350mm (4.43*7.87*4.43 ft)		
Weight	3,000kg		
IP Level	IP54		
Anti-Corrosion	C4 S tandard, C5 Opt ional		
Fire Protection System	Aerosol, Smoke, and Temperature Detector, NFPA 68-Compliant Deflagration Panel, NFPA 69-Compliant Ventilation System with Combustible Gas Detection(Optional).		
Operating Temperature	-30°C~50°C(>45°C derating) / -4°F~122°F (>113° F dera ting)		
Max. Operating Altitude	3,000m		
Communication Protocol	Modbus TCP/IP		
Communication Interface	RS485 / Ethernet		
Compliance Standard	IEEE1547:2018, UN38.3, FCC part15B		



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				Compact and Fashionable design • Latest design can compatible all EVs • Compact & fashionable design can match all your modern home & business building styles • High cost-effective & Steady performance
				Easy Use • Support various payment method, such as RFID / credit card / App etc • With HMI easy operate the EV Charger flexibly, Or with the classic LED display all parameters
				Safety and protection • Comply with the latest leakage protection standard • Multiple protection to ensure the users safety • IP55 & IK10
				Innovation • Rail mounting make the installation easily • Intelligent error diagnosis
Model		DH7/11/22kWHJL Series		DH7/11/22kWHJL Series
For		Europe		North America
Power Input	Input Type	1-Phase	3-Phase	1-Phase
	Input Wiring Scheme	1P+N+PE	3P+N+PE	1P+N+PE
	Rated Voltage	230VAC±10%	380VAC±10%	L1:100VAC±10%/ L2:230VAC±10%
	Rated Current			16A or 32A
Power Output	Grid Frequency			50Hz or 60Hz
	Output Voltage	230VAC±10%	380VAC±10%	L1:100VAC±10%/ L2:230VAC±10%
	Maximum Current			16A or 32A
	Rated Power	7kW	11kW or 22kW	3.5KW/7kW
User Interface	Charge Connector	Type 2/GBT		Type 1 Plug
	Cable Length			5m or Optional
	LED Indicator			Green/Blue/Red
	LCD Display			4.3 Inch Touch Color Screen(Optional)
Communication	RFID Reader			ISO/IEC 14443 RFID Card Reader
	Start Mode			RFIDCard/PasswordLogin(Optional)
	Backend			Bluetooth / Wi-Fi / Cellular(Optional) / Ethernet(Optional)
	Charging protocol			OCPP-1.6J
Safety and Certification	Energy Metering			Embedded Meter Circuit Component With 1% accuracy
	Residual Current Device			DC 6mA+Type A AC 30mA
	Ingress Protection			IP55
	Impact Protection			IK10
Environment	Cooling method			Natural Cooling
	Electrical Protection			Over/Under Voltage Protection, Over Current Protection, Short Circuit protection, Over/Under Temperature Protection, Lightning Protection, Ground Protection
	Certification			CE
	Certification and Conformity			IEC61851-1, IEC62196-1/-2, SAE J1772
Mechanical	Mounting			Wall-mount/Pole-mount
	Storage Temperature			-40°C - +85°C
	Operating Temperature			-30°C - +50°C
	Max. Operating Humidity			95%, Non-condensing
	Max. operating altitude			2000m
	Product Dimension			348mm*258mm*175mm (L*W*H)
	Package Dimension			412mm*302mm*252mm (L*W*H)
	Weight			4kg(Net) / 14kg(Gross)
	Accessory			Cable Holder, Pedestal(Optional)



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High efficiency

- Economic DC Charger, Low Investment and high returning
- Equipping with high performance components, DC Charger power factor up to 98% and 95% charging efficiency

Excellent adaptability

- Save installation space available for both indoor & outdoor and wall-mounting & Pole mounting
- High charging compatibility: 200V-1000V voltage output can meet the different EVs needs

Intelligent control

- OCA listed brand, comply with the latest OCPP protocol standard
- Various payment method, such as Credit card / RFID / Apps etc
- Support the most popular communication method, such as Bluetooth / Wifi / Ethernet / 4G

Safety and protection

- Comply with the latest leakage protection standard
- Multiple protection to ensure the users safety
- IP54 & IK10

	Model	DH30kwHJL Series	DH30kwHJL Series
	For	Europe	North America
Power Input	Input Type	3-Phase	
	Input Wiring Scheme	3P+N+PE	
	Rated Voltage	380VAC±15%	
	Max. THDi	5%	
	Min. Power Factor	0.98	
Power Output	Grid Frequency	50Hz or 60Hz	
	Output Voltage	200V-750V	
	Max. Current	100A	
	Rated Power	30kW	
User Interface	Charge Connector	CCS2/GBT/CCS1	
	LED Indicator	Green/Blue/Red,Progress Indicator	
	LCD Display	4.3 inch Touch Color Screen	
	RFID Reader	ISO/IEC 14443 RFID Card Reader	
Communication	Start Mode	RFID Card or APP	
	Backend	Ethernet/Wifi/Bluetooth/Cellular	
	Charging protocol	OCPP-1.6J	
	Energy Meter	Meter With 1% Accuracy	
Safety and Certification	Residual Current Device	Yes	
	Internal FUSE	Yes	
	Ingress Protection	IP54	
	Impact Protection	IK10	
	Cooling method Fan	Cooling	
	Max. Operating Noise Level	65dB	
	Electrical Protection	Over/Under Voltage Protection,Over Current Protection, Short Circuit Protection, Over/Under Temperature Protection,Lightning Protection,Ground Protection	
	Certification	CE	
	Certification and Conformity	IEC62196-1/-3,IEC 61851-1/-23/-24	
	Mounting	Wall-mount/Pole-mount	
Environment	Storage Temperature	-40℃ - +85℃	
	Operating Temperature	-40℃ - +75℃	
	Max. Operating Humidity	95%, Non-condensing	
	Max. operating altitude	2000m	
Mechanical	Product Dimension	650mm*440mm*267.5mm (L*W*H)	
	Package Dimension	920mm*580mm*450mm (L*W*H)	
	Weight	55 kg(Net) / 75 kg(Gross)	
	Accessory	Cable holder,Pedestal(Optional)	



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High efficiency

- Support high power charging up to 60kW can meet the market main popular EVs charging requirement
- Support dual charging plugs which can charging two EVs at the same time with steady performance



Excellent adaptability

- Compact design takes small space
- With high standard cabinet design can use for indoor & outdoor freely



Intelligent control

- OCA listed brand, comply with the latest OCPP protocol standard
- Intelligent payment solution can support RFID / Credit card / Apps etc
- Intelligent communication solution including Bluetooth / Wifi / Ethernet / 4G



Safety & Protection

- Comply with the latest leakage protection standard
- Multiple protection to ensure the users' safety
- IP54 & IK10
- EMC comply with Class B

	Model	DH60kW HJL Series	DH60kW HJL Series
	For	Europe	North America
Power Input	Input Type	3-Phase	
	Input Wiring Scheme	3P+N+PE	
	Rated Voltage	380VAC±15%	
	Max. THDi	5%	
	Min. Power Factor	0.98	
Power Output	Grid Frequency	50Hz or 60Hz	
	Output Voltage	200-750V DC	
	Maximum Current	150A/200A	
	Rated Power	60kW	
	Number of Connectors	1 or 2	
User Interface	Charge Connector	CCS2/CCS1/GBT	CCS Combo 1 Plug
	LED Indicator	Green/Blue/Red, Progress Indicator	
	LCD Display	7 Inch Touch Color Screen	
	RFID Reader	ISO/IEC 14443 RFID Card Reader	
Communication	Start Mode	RFID Card or APP	
	Backend	Ethernet/Cellular, Optional: WIFI	
	Charging protocol	OCPP-1.6J	
	Energy Metering	Meter With 1% Accuracy	
	Residual Current Device	Yes	
Safety and Certification	Internal FUSE	Yes	
	Ingress Protection	IP54	
	Impact Protection	IK10	
	Cooling method	Fan Cooling	
	Max. Operating Noise Level	65dB	
Environment	Electrical Protection	Over/Under Voltage Protection, Over Current Protection, Short Circuit Protection, Over/Under Temperature Protection, Lightning Protection, Ground Protection	
	Certification	CE	
	Certification and Conformity	IEC62196-1/-3, IEC 61851-1/-23/-24	
	Mounting	Free-standing Cabinet	
	Storage Temperature	-40°C - +75°C	
Mechanical	Operating Temperature	-30°C - +55°C	
	Max. Operating Humidity	95%, Non-condensing	
	Max. operating altitude	2000m	
	Product Dimension	700mm*450mm*1680mm (L*W*H)	
	Package Dimension	1090mm*720mm*1880mm (L*W*H)	
	Weight	230kg(Net)/260kg(Gross)	



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High efficiency

- Support high power charging up to 120kW can meet the market main popular EVs charging requirement
- Support dual charging plugs which can charging two EVs at the same time with steady performance



Excellent adaptability

- Compact design takes small space
- With high standard cabinet design can use for indoor & outdoor freely



Intelligent control

- OCA listed brand, comply with the latest OCPP protocol standard
- Intelligent payment solution can support RFID / Credit card / Apps etc
- Intelligent communication solution including Bluetooth / Wifi / Ethernet / 4G



Safety & Protection

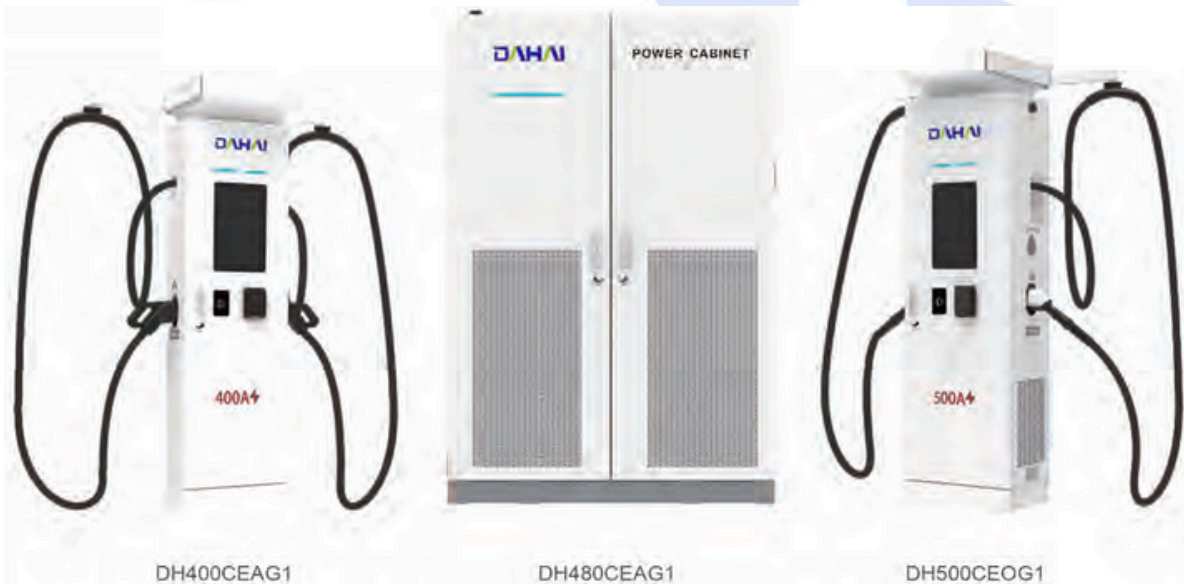
- Comply with the latest leakage protection standard
- Multiple protection to ensure the users safety
- IP54 & IK10
- EMC comply with Class B

Model		DH120/240kW HJL Series	DH120/240kW HJL Series
For		Europe	North America
Power Input	Input Type	3-Phase	
	Input Wiring Scheme	3P+N+PE	
	Rated Voltage	380VAC±15%	
	Max. THDi	5%	
	Min. Power Factor	0.98	
Power Output	Grid Frequency	50Hz or 60Hz	
	Output Voltage	250V-1000V DC	
	Maximum Current	200A, 250A(optional)	
	Rated Power	120-240kW	
	Number of Connectors	1 or 2	
User Interface	Charge Connector	CCS2/GBT	CCS Combo 1 Plug
	LED Indicator	Green/Blue/Red, Progress Indicator	
	LCD Display	7 Inch Touch Color Screen	
	RFID Reader	ISO/IEC 14443 RFID Card Reader	
	Start Mode	RFID Card or APP	
Communication	Backend	Ethernet/Cellular, optional: WIFI	
	Charging protocol	OCPP-1.6J	
	Energy Metering	Meter With 1% Accuracy	
	Residual Current Device	Yes	
	Internal FUSE	Yes	
Safety and Certification	Ingress Protection	IP54	
	Impact Protection	IK10	
	Cooling method	Fan Cooling	
	Max. Operating Noise Level	65dB	
	Electrical Protection	Over/Under Voltage Protection, Over Current Protection, Short Circuit Protection, Over/Under Temperature Protection, Lightning Protection, Ground Protection	
Environment	Certification	CE	
	Certification and Conformity	IEC62196-1/-3, IEC 61851-1/-23/-24	
	Mounting	Free-standing Cabinet	
	Storage Temperature	-40℃ - +75℃	
	Operating Temperature	-30℃ - +55℃	
Mechanical	Max. Operating Humidity	95%, Non-condensing	
	Max. operating altitude	2000m	
	Product Dimension	1680mm*700mm*450mm or 1920mm*750mm*750mm(L*W*H)	
	Package Dimension	1850mm*1050mm*685mm or 2120mm*1220mm*1160mm(W*D*H)	
	Weight	208-480kg(Net)/323-523kg(Gross)	



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Highlights

- **Air-cooling Peak Charging Current of 400A:**
Sustains a 400A current for over 20 minutes, offering an alternative to liquid-cooling superfast charging.
- **Dynamic Load Balancing:**
Addresses the issue of insufficient transformer capacity during peak electricity usage, enabling fast response and smart orderly charging.
- **Flexible Charging Technology:**
Utilizes fully flexible and star-coupled flexible charging technology, improving utilization rates by over 30%.
- **Smart Fault Prediction:**
With an uptime greater than 95%, multi-sensor technology, and big data analysis through the operation and maintenance platform, more than 50% of equipment anomalies can be predicted.
- **Liquid-cooling Peak Charging Current of 600A:**
Achieves true 3-minute charging with a range of over 150 kilometers.
- **Multiple Charging Modes:**
Supports Plug and Charge, dual-gun simultaneous charging mode, VIP mode, and day-night mode, reducing equipment costs by approximately 10%.
- **Remote Operation and Maintenance Platform:**
Features remote OTA and USB-OTA, resolving over 90% of faults remotely.
- **Battery Health Smart Algorithm:**
Identifies safety risks in new energy vehicle batteries, ensuring driver safety (available in future upgrades).



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Model		DH480CEAG1
AC input	Input connection	3P+N+PE
	Input voltage	400V AC±15%
	Input frequency	50Hz
	Power factor	≥0.99
	THDi	≤5%
DC output	DC output power	480kW
	DC output voltage	200~1000V
	DC output current	CCS2 Liquid cooling plug: 500A(MAX 600A)
		CCS2 Air cooling plug: 200A, 300A(MAX 400A optional)
Environmental conditions	Efficiency	≥95% (at nominal output power)
	Temperature range	-25°C~+50°C
	Altitude	≤2000m
	Humidity	5%-95 % RH non-condensing
Mechanical specifications	Dimensions (W*D*H)	Charging host : 1400*1000*2100mm
		Liquid cooling: 600*370*1900 mm
		Air cooling: 500*320*1800 mm
		Liquid cooling: 3.5m
	Cable length	Air cooling: 4m; (5m or 7m optional)
Basic information	Protection	IP54 (indoor and outdoor rated)
	Screen type	15.6" LCD touch screen(7" LCD touch screen optional)
	Languagesz	English for default
		(others available via software upgrade)
	Cellular communication	GSM / 4G / LTE
Standards and certification	Communication protocols	OCPP 1.6J(can be upgraded to OCPP 2.0.1 later)
	User authentication	APP, RFID card, Credit card (optional)
	Declaration of conformity	CE, CB, TR25
	EMC class	Class A
Safety function	Certification standard	IEC61851-1, IEC61851-23, IEC61851-24, IEC62196, TR25-1, TR25-3
	Communication to the EV	DIN 70121, ISO 15118-2
	Over voltage protection, under voltage protection, overload protection, short circuit protection, open circuit protection, leakage protection, grounding protection, over temperature protection, surge protection.	



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