Skid & Package Reference List

Two classes of work, listed separately

Part A Lmart-designed packages

Part B Skids built to the system owner's design

Suzhou Lmart Energy Equipment Co., Ltd. · September 2026

How to read this list

Part A covers packages that Lmart designs, builds and supports after sale, with the compressor bought in and the process, mechanical, structural and control design done by Lmart; Part B covers skids that Lmart fabricated to the system owner's design, around equipment the owner specified or supplied.

Selected deliveries as of September 2026. This list is not exhaustive. Class / Code shows the classification society or design code of each order.

PART A

Lmart-designed packages

Designed, assembled and supported after sale by Lmart in China.

A1. Marine gas compression and refrigeration packages

#	Year	Client	Vessel type / Shipyard	Equipment	Qty	Class
A1.1	2023	PIL (Pacific International Lines)	14,000 TEU LNG dual-fuel container ships · Jiangnan Shipyard	BOG compression units	8	ABS
A1.2	2024	LGE	VLEC newbuilds · Jiangnan Shipyard	Propylene refrigeration compressor packages	6	ABS
A1.3	2025	LGE	99K VLEC newbuilds · Jiangnan Shipyard	Propylene refrigeration compressor packages	7	ABS
A1.4	2025	LGE	150K ULEC newbuilds · Jiangnan Shipyard	Propylene refrigeration compressor packages	6	ABS

A2. Gas compression packages

#	Year	Client	Plant / Service	Equipment	Qty	Code
A2.1	2017	Zhejiang Satellite Petrochemical	Propylene tank farm BOG	BOG compression package	2	GB
A2.2	2018	Zhejiang Satellite Petrochemical	Propane tank farm LPG BOG	BOG compression package	2	GB
A2.3	2018	Ningbo Huatai Wealthy Polymer (Huatai Group)	Fuel gas	Fuel gas booster package	3	GB
A2.4	2018	Jiangsu Huachang Chemical	Ammonia	Ammonia compression package	2	GB
A2.5	2019	Zhejiang Satellite Petrochemical	PSA tail gas (71.7% H2)	Gas compression package	1	GB

#	Year	Client	Plant / Service	Equipment	Qty	Code
A2.6	2021	Huayi (Guangxi)	Propane tank farm BOG	BOG compression package	3	GB
A2.7	2021	Zhenjiang Jiangnan Chemical	Chloromethane	Gas compression package	2	GB
A2.8	2022	Zhongtian Oriental Fluorine & Silicon	Chloromethane	Gas compression package	2	GB
A2.9	2022	Jiangnan Shipbuilding	Natural gas	Natural gas compression units	4	CCS
A2.10	2023	Zhejiang Satellite Petrochemical	PSA analysis gas (71.7% H2)	Gas compression package	2	GB
A2.11	2023	Zhejiang Satellite Petrochemical	Tail gas recovery (71.7% H2)	Gas compression package	2	GB

A3. Industrial refrigeration: brine chillers, direct cooling and refrigeration systems

#	Year	Client	Plant / Unit	System	Cooling capacity	Refrigerant	Qty
A3.1	2016	Wanhua Chemical	PMMA	Brine chiller	980 kW	R134a	3
A3.2	2017	Wanhua Chemical	PC (polycarbonate)	Brine chiller	900 kW	R134a	1
A3.3	2017	Nanjing Chengzhi Clean Energy	MTO	Ethylene liquefaction unit	1,848 kW	R1270	3
A3.4	2017	Guangxi Tiandong Jinyi Technology	Methane	Direct cooling unit	1,043 kW	R22	2
A3.5	2017	Zhejiang NHU	Process cooling	Direct cooling unit	13,650 kW	R1270	1
A3.6	2018	Ningbo Huatai Wealthy Polymer (Huatai Group)	PE	Brine chiller	400 kW	R1270	1
A3.7	2018	Hengli Petrochemical (Dalian)	PP	Brine chiller	1,200 kW	R1270	1
A3.8	2018	Hengli Petrochemical (Dalian)	HDPE	Hexane cooling unit	1,034 / 2,200 kW	R1270	3
A3.9	2018	Hengli Petrochemical (Dalian)	Ethylene tank farm	Direct cooling unit	1,200 kW	R1270	1
A3.10	2018	Wanhua Chemical	HDI	Direct cooling unit	925 kW	R22	3
A3.11	2019	Jinneng Science and Technology	PP	Brine chiller	1,400 kW	R1270	2

#	Year	Client	Plant / Unit	System	Cooling capacity	Refrigerant	Qty
A3.12	2019	Lianyungang Petrochemical	Ethylene tank farm	Ethylene liquefaction unit	1,000 kW	R1270	1
A3.13	2019	Lianyungang Petrochemical	HDPE	Hexane cooling unit	2,200 kW	R1270	2
A3.14	2019	Zhejiang Petrochemical (ZPC)	CCR	Direct cooling unit	12,650 kW	R1270	2
A3.15	2019	Zhejiang Petrochemical (ZPC)	Acrylonitrile	Brine chiller	14,400 kW	R1270	1
A3.16	2019	Zhejiang Petrochemical (ZPC)	EO/EG	Brine chiller	380 kW	R1270	2
A3.17	2019	Zhejiang Petrochemical (ZPC)	PP	Brine chiller	1,760 kW	R1270	2
A3.18	2019	Shandong Dongming Petrochemical	PP	Ethylene liquefaction unit	45 kW	R1270	1
A3.19	2019	Sinochem Hongrun Petrochemical	Styrene	Brine chiller	3,400 kW	R1270	2
A3.20	2019	PetroChina	Ethylene tank farm	Direct cooling unit	497 / 230 kW	R1270	3
A3.21	2020	Fujian Shenyuanxin Material	Rectisol	Direct cooling unit	5,600 kW at −38 °C	R717	4
A3.22	2020	Zhejiang Petrochemical (ZPC)	LDPE/EVA	Brine chiller	560 kW	R507	8
A3.23	2020	Zhejiang Petrochemical (ZPC)	Butadiene	Brine chiller	880 kW	R1270	1
A3.24	2020	Sinopec Zhenhai Refining & Chemical	HDPE	Direct cooling unit	175 kW	R1270	1
A3.25	2020	Wanhua Chemical	VC (vinyl chloride)	Brine chiller	1,579 kW	R507	1
A3.26	2020	Wanhua Chemical	PMMA	Brine chiller	910 kW	R134a	1
A3.27	2020	Wanhua Chemical	HCl	Brine chiller	1,040 / 680 kW	R22	2
A3.28	2020	Chambroad Petrochemical	PP	Brine chiller	1,600 / 800 kW	R1270	2
A3.29	2020	Binhua Group	Process cooling	Heat exchange skid	6,750 kW	R1270	1
A3.30	2021	Sinopec Hainan	HDPE	Brine chiller	1,192 kW	R1270	1
A3.31	2021	Sinopec Hainan	Butadiene tank farm	Brine chiller	900 kW	R1270	2
A3.32	2021	Wanhua Chemical	TDI	Brine chiller	2,400 kW	R507	3

#	Year	Client	Plant / Unit	System	Cooling capacity	Refrigerant	Qty
A3.33	2021	Wanhua Chemical	MDI ethylene tank	Ethylene tank cooling unit	1,300 kW	R507	1
A3.34	2021	Hengli Petrochemical (Dalian)	C9 separation	Brine chiller	460 kW	R1270	2
A3.35	2021	Wanhua Chemical	Rectisol	Ammonia condensing unit	1,700 kW	R717	2
A3.36	2021	Zhejiang Dushan New Material	Process cooling	Brine chiller	185 kW	R134a	1
A3.37	2021	Wanhua Chemical	LDPE/EVA	Brine chiller	1,022 kW	R507	2
A3.38	2021	Ningxia Baofeng Energy	PP	Brine chiller	—	R1270	2
A3.39	2021	Ningxia Baofeng Energy	HDPE	Brine chiller	—	R1270	1
A3.40	2021	Zhejiang Petrochemical (ZPC)	EC (ethylene carbonate)	Direct cooling unit	1,900 kW	R507A	3
A3.41	2021	Wanhua Chemical	PC (polycarbonate)	Brine chiller	2,114 kW	R507A	1
A3.42	2021	Shandong Yulong Petrochemical	CCR	Brine chiller	3,168 kW each	R290	4
A3.43	2022	Shandong Yulong Petrochemical	Acrylonitrile	Brine chiller	11,849 kW	R1270	1
A3.44	2022	Jiangsu Sierbang Petrochemical	POE	Brine chiller	252 / 320 kW	R1270	2
A3.45	2022	Jiangsu Sierbang Petrochemical	UHMWPE	Brine chiller	529 / 144 kW	R1270	2
A3.46	2022	Jiangsu Sierbang Petrochemical	Nitrile latex	Water chiller	6,000 kW	R507A	2
A3.47	2022	Zhejiang Petrochemical (ZPC)	Styrene	Brine chiller	11,950 kW	R1270	2
A3.48	2022	Zhejiang Petrochemical (ZPC)	VAC (vinyl acetate)	Brine chiller	6,252 kW	R1270	3
A3.49	2022	Jidong Oil Field	Gas processing	Propane refrigeration system	5,045 kW at −38 °C / 3,484 kW at −15 °C	R290	1
A3.50	2022	Wanhua Chemical	MQ silicone resin	Brine chiller	277 kW	R507	2
A3.51	2022	Wanhua Chemical	XDI	Brine chiller	1,828 kW at −25 °C / 86 kW at −45 °C	R507A	3
A3.52	2022	Wanhua Chemical	BPA	Brine chiller	1,560 kW	R134a	2

#	Year	Client	Plant / Unit	System	Cooling capacity	Refrigerant	Qty
A3.53	2022	Wanhua Chemical	R&D center	Refrigeration system	2,150 kW	R507A	2
A3.54	2022	Wanhua Chemical	Ammonia plant	Refrigeration system	130 kW	R507A	1
A3.55	2022	Sinopec Zhenhai Refining & Chemical	Acrylonitrile	Brine chiller	23,300 kW	Propylene	2
A3.56	2022	Sinopec Zhenhai Refining & Chemical	PDH	Refrigeration system	8,330 kW at –32 °C	Propylene	1
A3.57	2022	Sinopec Zhenhai Refining & Chemical	Solvent / BOG recovery	Refrigeration system	1,500 kW	Propylene	1
A3.58	2022	Sinopec Zhenhai Refining & Chemical	Process cooling	Brine chiller	6,100 kW	Propylene	2
A3.59	2022	Sinochem Quanzhou Petrochemical	Acrylonitrile	Refrigeration system	14,000 kW	Propylene	2
A3.60	2022	Xinjiang Blue Ridge Tunhe	PTMEG	Brine chiller	640 kW	Propylene	2
A3.61	2023	Zhejiang Petrochemical (ZPC)	Process cooling	Refrigeration system	1,100 kW	Propylene	1
A3.62	2023	Wanhua Chemical	Process cooling	Direct cooling unit	1,700 kW	R507A	1
A3.63	2025	PT Chandra Asri Alkali	CAA-1 EDC plant	Direct cooling unit	628 kW	Propylene	2

PART B

Skids built to the system owner's design

Fabricated by Lmart to the system owner's process design, around equipment the owner specified or supplied. The system owner holds the process design; Lmart's scope is fabrication, assembly and testing to that design.

B1. Marine gas handling and fuel gas systems

#	Year	System owner	Shipyard / Vessel type	Equipment	Qty	Class
B1.1	2016	International marine gas-system integrator	Hanjin Heavy Industries & Construction (HHIC)	Reliquefaction units (6) · booster pump skids (2)	8	LR
B1.2	2016	International marine gas-system integrator	Mitsubishi Heavy Industries Marine Structure	Reliquefaction units (6) · booster pump skids (2) · CIP units (2)	10	NK
B1.3	2018	TGE Marine	Sasaki Shipbuilding	CIP unit	1	NK
B1.4	2019	International marine gas-system integrator	Jiangnan Shipyard	CIP units	2	NK
B1.5	2019	TGE Marine	Imabari Shipbuilding	TCS skids	2	NK
B1.6	2019	Jiangnan Shipyard	Jiangnan Shipyard	TCS skids	3	DNV GL
B1.7	2021	International marine gas-system integrator	Kai Heng Long Global Energy (owner)	CHV/BPS skid	1	NK
B1.8	2021	International marine gas-system integrator	DSME · 91K gas carrier for Iino Kaiun	Reliquefaction units (3) · booster pump skid (1) · condenser unit (1) · glycol water unit (1)	6	NK
B1.9	2021	International marine gas-system integrator	DSME · 91K gas carriers (3 vessels)	Reliquefaction units (12) · booster pump skids (3) · condenser units (3) · glycol water units (3)	21	NK
B1.10	2022	Høglund Gas Solutions	Guangzhou Shipyard International (GSI)	PS & SB bunker manifold skids (8) · fuel preparation room (FPR) skids (4) · water glycol system (WGS) skids (4)	16	ABS

#	Year	System owner	Shipyard / Vessel type	Equipment	Qty	Class
B1.11	2022	International marine gas-system integrator	CIMC Raffles · methanol dual-fuel vessels	Methanol bunker station skids (2) · LP pump skid (1) · LP handling units (5) · duplex filter skid (1)	9	DNV
B1.12	2023	TGE Marine	China Merchants Heavy Industry (Jiangsu) · 8-ship LNG dual-fuel PCTC series	LNG fuel gas skids, 8 types: recondensation package · LP fuel gas vaporization system · LNG bunkering skid PS · LNG bunkering skid SB · LT WG pump skid · LT WG heating/cooling skid · HT WG pump skid · HT WG heating/cooling skid	1 per type	DNV
B1.13	2025	International marine gas-system integrator	COSCO · 88K VLGC	CIP units	4	GB
B1.14	2025	International marine gas-system integrator	Hengli · 93K VLAC	CIP units	3	GB
B1.15	2025	International marine gas-system integrator	99K VLEC	CIP units	5	GB
B1.16	2025	International marine gas-system integrator	Yangzijiang Shipbuilding (YZJ) · 100K VLEC	CIP units	5	GB
B1.17	2025	International marine gas-system integrator	93K VLGC for Iino Kaiun	CIP unit	1	GB

B2. Labyrinth compressor skids

Skids built around Burckhardt Compression labyrinth-piston compressors, for the integrator's gas systems.

#	Year	Client	Project / Shipyard	Equipment	Qty	Class
B2.1	2020	Burckhardt Compression	LNG carrier newbuild · Hudong-Zhonghua Shipbuilding	Compressor skids	2	BV
B2.2	2024	Burckhardt Compression	Wison LPG project	Compressor skid	1	ABS

B3. Offshore process skids

#	Year	Client	Field / Facility	Equipment	Qty	Class / Code
B3.1	2020	XinShi	Weizhou WZ-12 platform	Water filters	8	CCS
B3.2	2021	High New	KL16-1 oil field development	Multiphase flow meter skid	1	CCS
B3.3	2021	High New	Offshore	Compact flotation unit skid	1	GB
B3.4	2022	Tianjin Huanya	Wenchang 13-2	Production separator	1	—
B3.5	2022	Shenzhen Hengrun Fengde	Huizhou 32-5	Production separator	1	—
B3.6	2023	Tianjin Gangfeng	PanYu 4-2	Deoiling hydrocyclone	1	—
B3.7	2023	Rotork	Petrobras P80 FPSO	Deck solenoid valve boxes	12	—
B3.8	2025	CNOOC	CCUS project · Dongfang 1-1 offshore platform	Refrigeration compressor 1st/2nd stage inlet separator skid (1) · after-cooler skid (1) · flash economizer skid (1)	3	—

B4. Filter packages

#	Year	Client	Project	Equipment	Qty	Class / Code
B4.1	2017	Amiad	Coral South development	Filters	7	LR + ASME U
B4.2	2021	Amiad	Bacalhau FPSO	Filters	2	ASME U + NR
B4.3	2023	DrM Shanghai	Sakarya Gas Field Development Phase 2a	Filters	3	ASME U + PED
B4.4	2025	DrM Shanghai	Sakarya Field Development Phase 3	Filters	6	ASME U

B5. Refrigeration and chiller units for offshore platforms and gas plants

#	Year	Client	Platform / Facility	Equipment	Qty	Class / Code
B5.1	2012	YORK Marine	COPE9 platform	Refrigeration system	1	—
B5.2	2013	CNOOC Tianjin	COPE7 platform	Air-cooled unit	1	—
B5.3	2013	China National Petroleum Offshore	No. 10 platform	Chiller	1	—
B5.4	2013	China Dalian Shipbuilding Industry	HTB platform	Chiller	1	—
B5.5	2014	Johnson Controls Denmark	Estaleiro Atlântico Sul · platforms for Petrobras	Chillers	2	—

#	Year	Client	Platform / Facility	Equipment	Qty	Class / Code
B5.6	2016	Johnson Controls Denmark	GE Energy Power Conversion Brazil · Petrobras P-75 / P-77	Refrigeration systems	2	—
B5.7	2019	CNOOC	Offshore platform	Compressor and refrigeration skids	4	CCS
B5.8	2024	CNOOC	Yingkou natural gas processing plant expansion	Refrigeration system	1	—

Company certification

Suzhou Lmart Energy Equipment Co., Ltd. is an ASME U-stamp holder, PED 2014/68/EU certified, and certified to ISO 9001, ISO 14001, ISO 45001 and ISO 50001, with CCS Type & Works Approval and Works Approval from DNV, LR, BV, NK, RINA, ABS & KR, plus KGS certification for the Korean market.

Contact: Qiangbin Chu · zqb@jnlmart.com · +86 13961036109 · jnlmart.net