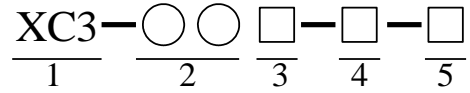


XINJE Catalog

- PLC
- HMI
- Integrator
- Inverter
- Servo
- Stepper

PLC

- Name principle of XC series PLC CPU units:**



- 1: Series Name XC1、XC2、XC3、XC5、XCM
- 2: Input/Output Point 10、14、16、24、32、48、60
- 3: If Input is NPN R: Relay output
 T: Transistor output
 RT: Relay/Transistor mix output (Y0、Y1 are Transistor)
- If Input is PNP PR: Relay output
 PT: Transistor output
 PRT : Relay/Transistor mix output (Y0、Y1 are Transistor)
- 4: Power Supply E: AC Power Supply (220V)
 C: DC Power Supply (24V)

XC series PLC main unit

XC1 series

XC1 (economical type, cannot expand with expansion module or RD board)	Model	Function	Price (USD)
	XC1-32R-E	16DI/16DO, relay output, AC90~260V	77.00
	XC1-32R-C	16DI/16DO, relay output, DC20~30V	77.00
	XC1-32T-E	16DI/16DO, transistor output, AC90~260V	77.00
	XC1-32T-C	16DI/16DO, transistor output, DC20~30V	77.00
	XC1-24R-E	12DI/12DO, relay output, AC90~260V	67.00
	XC1-24R-C	12DI/12DO, relay output, DC20~30V	67.00
	XC1-24T-E	12DI/12DO, transistor output, AC90~260V	67.00
	XC1-24T-C	12DI/12DO, transistor output, DC20~30V	67.00
	XC1-16R-E	8DI/8DO, relay output, AC90~260V	52.00
	XC1-16R-C	8DI/8DO, relay output, DC20~30V	52.00
	XC1-16T-E	8DI/8DO, transistor output, AC90~260V	52.00

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	XC1-16T-C	8DI/8DO, transistor output, DC20~30V	52.00
	XC1-10R-E	5DI/5DO, replay output, AC90~260V	46.00
	XC1-10R-C	5DI/5DO, replay output, DC20~30V	46.00
	XC1-10T-E	5DI/5DO, transistor output, AC90~260V	46.00
	XC1-10T-C	5DI/5DO, transistor output, DC20~30V	46.00

***Note:**

1. XC1-10R/T is not a regular model, the software operation is the same with XC1-16;
2. XC1 series PLC don't support pulse output, high speed counter, external interruption and expansion module;

XC3 series

	Model	Function	Price (USD)
XC3 (Standard type, can expand BD board and expansion module.)	XC3-60R-E	36DI/24DO, relay output, AC90~260V	148.00
	XC3-60R-C	36DI/24DO, relay output, DC20~30V	148.00
	XC3-60T-E	36DI/24DO, transistor output, AC90~260V	148.00
	XC3-60T-C	36DI/24DO, transistor output, DC20~30V	148.00
	XC3-60RT-E	36DI/24DO, 2channels transistor output, 22 channels relay output, AC90~260V	148.00
	XC3-60RT-C	36DI/24DO, 2channels transistor output, 22 channels relay output, DC20~30V	148.00
	XC3-48R-E	28DI/20DO, relay output, AC90~260V	117.00
	XC3-48R-C	28DI/20DO, relay output, DC20~30V	117.00
	XC3-48T-E	28DI/20DO, transistor output, AC90~260V	117.00
	XC3-48T-C	28DI/20DO, transistor output, DC20~30V	117.00
	XC3-48RT-E	28DI/20DO, 2channels transistor output, 22 channels relay output, AC90~260V	117.00
	XC3-48RT-C	28DI/20DO, 2channels transistor output, 22 channels relay output, DC20~30V	117.00
	XC3-42R-E	24DI/18DO, relay output, AC90~260V, 3CH AB phase counter, can't be expanded by BD card	106.00
	XC3-42R-C	24DI/18DO, relay output, DC20~30V, 3CH AB phase counter, can't be expanded by BD card;	106.00
XC3-42T-E	24DI/18DO, transistor output, AC90~260V, 3CH AB phase counter, 2CH high speed pulse, can't be expanded by BD card;	106.00	
XC3-42T-C	24DI/18DO, transistor output, DC20~30V, 3CH AB phase counter, 2CH high speed pulse, can't be expanded by BD card;	106.00	



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XC3-42RT-E	24DI/18DO, 2channels transistor output, 22 channels relay output, AC90~260V, 3CH AB phase counter, 2CH high speed pulse, can't be expanded by BD card;	106.00
XC3-42RT-C	24DI/18DO, 2channels transistor output, 22 channels relay output, DC20~30V, 3CH AB phase counter, 2CH high speed pulse, can't be expanded by BD card;	106.00
XC3-32R-E	18DI/14DO, relay output, AC90~260V	94.00
XC3-32R-C	18DI/14DO, relay output, DC20~30V	94.00
XC3-32T-E	18DI/14DO, transistor output, AC90~260V	94.00
XC3-32T-C	18DI/14DO, transistor output, DC20~30V	94.00
XC3-32RT-E	18DI/14DO, 2channels transistor output, 12 channels relay output, AC90~260V	94.00
XC3-32RT-C	18DI/14DO, 2channels transistor output, 12 channels relay output, DC20~30V	94.00
XC3-24R-E	14DI/10DO, relay output, AC90~260V	80.00
XC3-24R-C	14DI/10DO, relay output, DC20~30V	80.00
XC3-24T-E	14DI/10DO, transistor output, AC90~260V	80.00
XC3-24T-C	14DI/10DO, transistor output, DC20~30V	80.00
XC3-24RT-E	14DI/10DO, 2 channels transistor output, 8 channels relay output, AC90~260V	80.00
XC3-24RT-C	14DI/10DO, 2 channels transistor output, 8 channels relay output, DC20~30V	80.00
XC3-14R-E	8DI/6DO, relay output, AC90~260V, cannot expand BD board	57.00
XC3-14R-C	8DI/6DO, relay output, DC20~30V, cannot expand BD board	57.00
XC3-14T-E	8DI/6DO, relay output, AC90~260V, cannot expand BD board	57.00
XC3-14T-C	8DI/6DO, relay output, DC20~30V, cannot expand BD board	57.00
XC3-14RT-E	8DI/6DO, 2 channels transistor output, 4 channels relay output, AC90~260V, cannot expand BD board	57.00
XC3-14RT-C	8DI/6DO, 2 channels transistor output, 4 channels relay output, DC20~30V, cannot expand BD board	57.00

Note: Some models (24I/O and 32I/O), after installing BD card, Y1 can't be used as pulse output;

XC5 series

XC5	Model	Function	Price (USD)
	XC5-60R-E	36DI/24DO, relay output, AC90~260V, support CAN bus	185.00
	XC5-60R-C	36DI/24DO, relay output, DC20~30V, support CAN bus	185.00



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	XC5-60T-E	36DI/24DO, transistor output, AC90~260V, support CAN bus	185.00
	XC5-60T-C	36DI/24DO,transistor output,DC20~30V, support CAN bus	185.00
	XC5-60RT-E	36DI/24DO, 2 channels transistor output, 22 channels relay output, AC90~260V, support CAN bus	185.00
	XC5-60RT-C	36DI/24DO, 2 channels transistor output, 22 channels relay output, DC20~30V, support CAN bus	185.00
	XC5-48R-E	28DI/20DO, relay output, AC90~260V, support CAN bus	152.00
	XC5-48R-C	28DI/20DO, relay output, DC20~30V, support CAN bus	152.00
	XC5-48T-E	28DI/20DO, transistor output, AC90~260V, support CAN bus	152.00
	XC5-48T-C	28DI/20DO, transistor output, DC20~30V, support CAN bus	152.00
	XC5-48RT-E	28DI/20DO, 2 channels transistor output, 18 channels relay output, AC90~260V, support CAN bus	152.00
	XC5-48RT-C	28DI/20DO, 2 channels transistor output, 18 channels relay output, DC20~30V, support CAN bus	152.00
	XC5-32T-E	18DI/14DO, transistor output, AC90~260V, support 4 axes HSC	128.00
	XC5-32T-C	18DI/14DO, transistor output, DC20~30V, support 4 axes HSC	128.00
	XC5-24T-E	14DI/10DO, transistor output, AC90~260V, support 4 axes HSC	113.00
	XC5-24T-C	14DI/10DO, transistor output, DC20~30V, support 4 axes HSC	113.00

Note: After installing BD card, all Y1 on XC5 series PLC can't work for pulse output;

XCM Series CPU units:

XCM series Motion control models	Model	Function	Price (USD)
	XCM-60T-E	CPU, 36DI/24DO, transistor output, AC90~260V, support BD card, 10 axis pulse output, doesn't support circuit interpolation and other motion control instructions, doesn't support expansion modules;	406.00
	XCM-32T4-E	CPU, 18DI/14DO, transistor output, AC90~260V, support BD card and expansion modules, 1CH AB phase count, 4CH high speed pulse (with 2 axis line, circuit interpolation), support PID operation, 1 RS485 interface, can realize follow control function;	248.00
	XCM-32T4-C	CPU, 18DI/14DO, transistor output, DC20~30V, support BD card and expansion modules, 1CH AB phase count, 4CH high speed pulse (with 2 axis line, circuit interpolation), support PID operation, 1 RS485 interface, can realize follow control function;	248.00



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XCM-32T3-E	CPU, 18DI/14DO, transistor output, AC90~260V, support BD card and expansion modules, 1CH AB phase count, 3CH high speed pulse , 2CH AB phase count, support PID operation, 1 RS485 interface, can realize follow control function;	248.00
XCM-32T3-C	CPU, 18DI/14DO, transistor output, DC20~30V, support BD card and expansion modules, 1CH AB phase count, 3CH high speed pulse , 2CH AB phase count, support PID operation, 1 RS485 interface, can realize follow control function;	248.00
XCM-24T4-E	CPU, 14DI/10DO, transistor output, AC90~260V, support BD card and expansion modules, 1CH AB phase count, 4CH high speed pulse (with 2 axis line, circuit interpolation), support PID operation, 1 RS485 interface, can realize follow control function;	187.00
XCM-24T4-C	CPU, 14DI/10DO, transistor output, DC20~30V, support BD card and expansion modules, 1CH AB phase count, 4CH high speed pulse (with 2 axis line, circuit interpolation), support PID operation, 1 RS485 interface, can realize follow control function;	187.00
XCM-24T3-E	CPU, 14DI/10DO, transistor output, AC90~260V, support BD card and expansion modules, 1CH AB phase count, 3CH high speed pulse , 2CH AB phase count, support PID operation, 1 RS485 interface, can realize follow control function;	187.00
XCM-24T3-C	CPU, 14DI/10DO, transistor output, DC20~30V, support BD card and expansion modules, 1CH AB phase count, 3CH high speed pulse , 2CH AB phase count, support PID operation, 1 RS485 interface, can realize follow control function;	187.00

Note:

1. If the XCM model installs the BD card, Y1 can't be used as pulse output;
2. For model XCM-32T3-E, when Y0 works as high speed pulse output, X7 can't work as high speed counter;

Digital & Analog in one unit

Digital & Analog	Model	Function	Price (USD)
	XC3-19AR-E	9DI/10DO, 8AD/2DA, relay output, AC90~260V	175
	XC3-19AR-C	9DI/10DO, 8AD/2DA, relay output, DC20~30V	175

XCC series CPU

XCM motion control	Model	Function	Price (USD)
	XCC-32T-E	Special or motion control, 18 DI/14 DO, transistor output, AC220V; higher instruction-dispose speed; can expand by BD cards and modules; 5CH AB-phase count, 5CH high-speed pulse (support 2 axis line, circle interpolation), support PID operation, RS232/RS485 interface	295



XCC-32T-C	Special or motion control, 18 DI/14 DO, transistor output, DC24V; higher instruction-dispose speed; can expand by BD cards and modules; 5CH AB-phase count, 5CH high-speed pulse (support 2 axis line, circle interpolation), 4CH external interruption, support PID operation, RS232/RS485 interface	295
XCC-24T-E	Special or motion control, 14 DI/10 DO, transistor output, AC220V; higher instruction-dispose speed; can expand by BD cards and modules; 5CH AB-phase count, 5CH high-speed pulse (support 2 axis line, circle interpolation), 2CH external interruption, support PID operation, RS232/RS485 interface	295
XCC-24T-C	Special or motion control, 14 DI/10 DO, transistor output, DC24V; higher instruction-dispose speed; can expand by BD cards and modules; 5CH AB-phase count, 5CH high-speed pulse (support 2 axis line, circle interpolation), 2CH external interruption, support PID operation, RS232/RS485 interface	295

Note:

1. XCC series can work only with XCL special expansions;
2. When expand the BD cards, Y4 can't work on high-speed pulse output;

● The I/O expansions' name principle:

$$\frac{XC}{1} - \frac{E}{2} \frac{\bigcirc}{3} \frac{\square}{4} \frac{\bigcirc}{5} \frac{\square}{6}$$

- 1: Series name XC
- 2: For Expansion E
- 3: Input points 8、16、32
- 4: For Input **NPN Type: X**
PNP Type: PX
- 5: Output points 8、16、32
- 6: For output YR: relay output
YT: transistor output

XC series IO expansion

	Model	Function	Price (USD)
expansion	XC3 -E8X/PX	Extend 8 channels direct current input	37.00
	XC3 -E8YR	Extend 8 channels relay output	39.00
	XC3 -E8YT	Extend 8 channels transistor output	46.00
	XC3 -E16X/PX	Extend 16 channels direct current input	46.00
	XC3 -E16YR	Extend 16 channels relay output	50.00



	XC3 -E16YT	Extend 16 channels transistor output	50.00
	XC3-E16X/PX16YR	Extend 16 channels direct current input, 16 channels relay output	92.00
	XC3-E16X/PX16YT-E	Extend 16 channels direct current input, 16 channels transistor output	92.00
	XC3-E16X/PX16YT-C	Extend 16 channels direct current input, 16 channels transistor output	92.00
	XC3 -E32X/PX	Extend 32 channels direct current input	85.00
	XC3 -E32YR	Extend 32 channels relay output	92.00
	XC3 -E32YT	Extend 32 channels transistor output	92.00
	XC3 -E8X/PX8YR	Extend 8 channels direct current input, 8 channels relay output	50.00
	XC3 -E8X/PX8YT	Extend 8 channels direct current input, 8 channels transistor output	50.00

● **Analogue、 Temperature model name Principle:**

XC – E 4AD 4DA 6PT 6TCA – P
 ① ② ③ ④ ⑤ ⑥

- ① For Expansion E
- ② Analogue Input 4AD: 4CH analogue input
 8AD: 8CH analogue input
- ③ Analogue Output 2DA: 2CH analogue output
 4DA: 4CH analogue output
- ④ PT100 Temperature 6PT: 6CH PT100
- ⑤ K type thermocouple 6TCA: 6CH thermocouple input (V3.1or above)
- ⑥ P、 I、 D tune P: with PID tune

XC series analog expansion module

	Model	Function	Price (USD)
XC series analog expansion	XC3 -4AD	14Bit, 4 channels analog input, current/voltage selectable	103.00
	XC3 -4AD-H	14Bit, 4 channels analog input, current/voltage selectable	125.00
	XC3 -8AD	14Bit, 8 channels analog input, current/voltage selectable	118.00
	XC3 -8AD-H	14Bit, 8 channels analog input, current/voltage selectable	140.00
	XC3 -2DA	12Bit, 2 channels analog output, current/voltage selectable	103.00



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XC3 -2DA-H	12Bit, 2 channels analog output, current/voltage selectable	125.00
XC3 -4DA	12Bit, 4 channels analog output, current/voltage selectable	118.00
XC3 -4DA-H	12Bit, 4 channels analog output, current/voltage selectable	140.00
XC3-4AD2DA	12Bit, 4 channels analog input, 2 channels analog output	125.00
XC3-4AD2DA-H	12Bit, 4 channels analog input, 2 channels analog output	147.00
XC3-3AD4PT2DA	4 channels Pt100 temp sampling, 3 channels analog input, 2 channels analog output	121.00
XC-E2AD2PT2DA	2CH PT100 temperature input (0.01°C precision), support PID auto tune, separate PID parameters setting, CPU communication; 2CH 16bits analogue input, (current/voltage selectable); 2CH 10bits analogue output	183.00
XC3 -6PT	0-300°C, 6 channels Pt100 temp sampling, precision 0.2 degree	110.00
XC3 -6PT-P	0-300°C, 6 channels Pt100 temp sampling, precision 0.2 degree, PID output	125.00
XC-E6PT-P-H	6CH Pt100 input, 6CH output, 2 group of PID parameters; temperature scope: -100~350°C, 0.1°C resolution;	147.00
XC3-6TCA-P	0-1000°C, 6 channels manifold thermocouple temp sampling, precision 0.1 degree, PID output, can sample temp in individual.	125.00
XC3-2AD2PT-BD	2 channels 12 Bit analog input, 2 channels Pt100 temp sampling extend card.(XC3-14 do not support.)	60.00
XC-2AD2DA-BD	2 channels 14 bit analog input, 2 channels 10 bit analog output extend BD card.	60.00

Note: -H models are internal isolated;

XC Series Special Modules

	Model	Function	Price (USD)
XC Series Special module	XC-E8AD-B	8CH 14bits analogue input module, first 4CH voltage (0V~10V, 0V~5V, -10V~0V and 5V~0V), left 4CH current (0~20mA, 4~20mA)	137.00
	XC-OFC-BD	High baudrate, high speed, use optical to transfer the signal, anti-interfere, far communication distance (1Km); easy to build the network; can link 54 slaves;	103.00
	XC-PBOX-BD	Work as PROFIBUS-DP slave, realize the communication between XC-PLC with PROFIBUS-DP field bus;	111.00
	XC-COM-BD	RS232, RS485 COM communication extend card. (XC3-14 do not support)	52.00
	XC-COM-HBD	RS232, RS485 COM communication extend card. (XC3-14 do not support) ,RS485 is isolated, better anti-interfere ability;	52.00



COM-BLT	Bluetooth module, can replace XC-PLC cable, wireless monitor, download etc.	64.00
XC-SD-BD	Realize data read/write between PLC and SD card	64.00
XC-4AD-BD	14bit analogue input module, first 2CH voltage (0~5V and 0~10V), left 2CH current (0~20mA and 4~20mA)	44.00

XCL SERIES digital, analogue expansion module:

Model	Function	Price (USD)
XCL-E8X/PX	XCC series expansion, 8 CH digital input, DC20~30V	40.00
XCL-E8YR	XCC series expansion, 8CH relay output	43.00
XCL-E8YT	X XCC series expansion, 8CH transistor output	50.00
XCL-E16X/PX	XCC series expansion, 16CH digital input, DC20~30V	51.00
XCL-E16YR	XCC series expansion, 16CH relay output	51.00
XCL-E16YT	X XCC series expansion, 16CH transistor output	51.00
XCL-E8X8YR/T	XCC series expansion, 8 CH digital input, 8 CH relay output / transistor, AC90~260V	51.00
XCL-E16X/PX16YR	XCC series expansion, 16CH digital input, 16 CH relay output, AC90~260V	102.00
XCL-E32X/PX	XCC series expansion, 32 CH digital input, AC90~260V	94.00
XCL-E32YR	XCC series expansion, 32 CH relay output	102.00
XCL-E4DA	XCC series expansion, 12Bit, 4CH analogue output module, current/voltage selectable;	111.00
XCL-E4AD2DA	XCC series expansion, 14Bit, 4CH analogue input (current/voltage selectable) /12Bit, 2CH analogue output (current/voltage selectable);	128.00
XCL-E6TCA-P	XCC series expansion, 0~1000°C, 6CH thermocouple type temperature sampling module, precision is 0.1 degrees, can single channel sample the temperature and single channel PID output;	128.00

Note:

1. XCC series CPU can only choose XCL series expansions;
2. XCC series CPU can work with all XC series BD cards;
3. "X" input type is NPN input; "PX" input type is PNP;

XC series special function module

MA module (communication extension)	Model	Function	Price (USD)
	MA-16X	16 channels optical coupling input	51.00
	MA-8X8YR	8 channels optical coupling input, 8 channels relay output	55.00
	MA-16YR	16 channels relay output	55.00
	MA-6PT-P	6 channels PT100 temp sampling; precision $\pm 0.1^{\circ}\text{C}$, 6 channels PID output	145.00
	MA-6TCA-P	6 channels K type TC temp sampling, precision $\pm 0.25^{\circ}\text{C}$, 6 channels PID output	145.00
	MA-4AD2DA	4 channels voltage/current input, A/D precision: 12Bit, 2 channels voltage/current output, D/A precision: 10bit	140.00
	MA-4DA	4 channels voltage/current output, D/A precision: 10bit	111.00
	MA-8AD-A	8 channels current input, A/D precision: 12bit	128.00
	MA-8AD-V	8 channels voltage input, A/D precision: 12bit	128.00

*Note: all the MA module support Modbus RTU, suitable for all PLCs who support Modbus Master.

Ethernet module

Ethernet module	Model	Function	Price (USD)
	T-BOX	Ethernet module, multi-master multi-slave networking.	165
	G-BOX	Wireless Ethernet module, support long distance wireless monitor, program upload/download, cell phone SMS	180
	XC-T-BOX-BD	Ethernet module, multi-master multi-slave networking.	75
	Z-BOX	Wireless LAN module, support PLC program download/upload, monitor and communication with other PLC; can work with T-BOX to realize remote function (download/upload and monitor)	136.00
	XC-ZBOX-BD	Expansion BD card for XC series PLC, support PLC program download/upload, monitor and communication with other PLC	106.00
	XP-ZBOX-BD	Expansion BD card for XP series expansions, support PLC program download/upload, monitor and communication with other PLC	106.00
	ZBOX-CAB	A sucker antenna which is used where there are heavy shield for signals, such as control cabinets, iron boxes etc.	29.00
	Z-DX	A directional antenna which is used where there are big houses, and barriers, such as solid walls, tall buildings	106.00

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		etc.;	
	Z-DX-3(m)	Extension cable for directional antenna, 3m	23.00
	Z-DX-5(m)	Extension cable for directional antenna, 5m	34.00
	Simple SCADA	Real-time monitor PLC status, used for Z-BOX、 T-BOX、 G-BOX modules and related BD cards; Actually it's simple SCADA from TouxhWin;	293.00

HMI

TP series

	Model	Function	Price (USD)
TP series HMI	TP460-L	Touch panel, monochrome, 4.7 inch, 240*128 pixels, 15 word*8row	---
	TP760-T	Touch panel, TFT true color, 7.0 inch, 480*234 pixels	228
	MP760-T	Touch panel+29 key-press, TFT true color, 7.0 inch, 480*234 pixels, 20word*15row	256
	TPA61-T	Touch Panel, TFT true color, 10.4 inch, 640*480 pixels, 40word*30row	---

TH series

	Model	Function	Price (USD)
TH series HMI	TH465-UT	4.3 inch touch panel, 65536 TFT true color, 480*272 pixels, double USB data saving ports, one USB download port, 8MB memory, can extend to 1GB in max.	125.00
	TH765-UT	7.0 inch touch panel, 65536 TFT true color, 800*448 pixels, double USB data saving ports, one USB download port, 128MB memory, can extend to 1GB in max.	255.00
	TH865-UT	8.0 inch touch panel, 65536 TFT true color, 800*600 pixels, double USB data saving ports, one USB download port, 128MB memory, can extend to 1GB in max.	345.00
	THA65-UT	10.4 inch touch panel, 65536 TFT true color, 800*600 pixels, double USB data saving ports, one USB download port, 128MB memory, can extend to 1GB in max.	613.00
	TH765-NU	7.0 inch touch panel, 65536 TFT true color, 800*448 pixels, double USB data saving ports, one USB download port, 128MB memory, can extend to 1GB in max.	189.00
	THA62-UT	10.1 inch touch panel monitor, 65536 color, true color TFT, resolution: 800*480; memory 128M, mounting	375.00



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	dimension:260.2.*179.7, USB or serial download	
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	Model	FUNCTION	PRICE (USD)
TG Series HMI	TG865-MT	8.0" TOUCH PANEL MONITOR, mounting dimension: 211.4*157.8, USB download form; New Function: 1600 color, 800*600 resolution, can compete with PC effect; high-speed buffer, high-speed download, high-speed start-up, the animation effect is more fluent, big memory size: 128M	425
	TG865-UT	8.0" TOUCH PANEL MONITOR, mounting dimension: 211.4*157.8, equipped with 1 USD interface in the back for data memory; New Function: 1600 color, 800*600 resolution, can compete with PC effect; high-speed buffer, high-speed download, high-speed start-up, the animation effect is more fluent, big memory size: 128M	425
	TG865-ET	8.0" TOUCH PANEL MONITOR, mounting dimension: 211.4*157.8, equipped with 1 USD interface in the back for data memory; New Function: 1600 color, 800*600 resolution, can compete with PC effect; high-speed buffer, high-speed download, high-speed start-up, the animation effect is more fluent, big memory size: 128M Support standard Ethernet interface, network communication;	450

OP series

	Model	Function	Price (USD)
OP series display monitor	OP320	3.7 inch monochrome LCD, 192*64 pixels, 7 function keys, RS232/RS422	65.00
	OP320-A	3.7 inch monochrome LCD, 192*64 pixels, 20 function keys, RS232/RS422	65.00
	OP320-S	3.7 inch monochrome LCD, 192*64 pixels, 7 function keys, RS232/RS485	65.00
	OP320-A-S	3.7 inch monochrome LCD, 192*64 pixels, 20 function keys, RS232/RS485	65.00
	MP330-S	Operate panel with touch function, 3.7 inch monochrome, 192*64 pixels, 24ASCII*4 lines, 26 keys, use OP software to program	81.00
	MP360-L	Operate panel with touch function, 3.7 inch monochrome, 192*64 pixels, 24ASCII*4 lines, 26 keys, use TP software to program	95.00
	MP325-A	OP320-A plus touch function	81.00
	MP325-A-S	OP320-A-S plus touch function	81.00
	OP560-T	5.7 inch, 256 color LCD, 320*240 pixels, 42 function keys, 320*240 pixels, 4MB FlashROM, 2KB SRAM	257.00



XP HMI&PLC integrator

	Model	Function	Price (USD)
HMI & PLC integrator	XP3-18R-C	10DI/8DO, relay output, 3.7 inch blue LCD	141.00
	XP3-18T-C	10DI/8DO, transistor output, 3.7 inch blue LCD	141.00
	XP3-18RT-C	10DI/8DO, 4channels transistor/4 channels relay output, 3.7 inch blue LCD	141.00
	XMP3-18R-C	10DI/8DO, relay output, 3.7 inch blue touch screen LCD	153.00
	XMP3-18T-C	10DI/8DO, transistor output, 3.7 inch blue touch screen LCD	153.00
	XMP3-18RT-C	10DI/8DO, 4 channels transistor/4 channels relay output, 3.7 inch blue touch screen LCD, support 2 axes pulse output	153.00
	XMP2-32R-E	MP760-T+XC2-32R-E, 1 channel HSC, 1 channel pulse output, RS485 communication	380.00
	XMP2-32T-E	MP760-T+XC2-32T-E, 1 channel HSC, 1 channel pulse output, RS485 communication	380.00
	XP3-16R-E	8DI/8DO, 8 relay output, 3.7 inch blue LCD; support RS485, 2CH pulse output, 2CH AB-phase count, 3CH external interruption; 220VAC; Can expand 2 BD cards	153.00
	XP3-16T-E	8DI/8DO, 8 transistor output, 3.7 inch blue LCD; support RS485, 2CH pulse output, 2CH AB-phase count, 3CH external interruption; 220VAC; Can expand 2 BD cards	153.00
	XP3-16RT-E	8DI/8DO, 4 relay output, 4 transistor output, 3.7 inch blue LCD; support RS485, 2CH pulse output, 2CH AB-phase count, 3CH external interruption; 220VAC; Can expand 2 BD cards	153.00
	XMH-30RT-E	TH765 with 26 buttons+30I/O PLC;16input 14 output; support RS485, 2CH pulse output, 2CH AB-phase count, 2CH external interruption; 220VAC; Can expand 2 BD cards	380.00
	XMH-30R-E	TH765 with 26 buttons+30I/O PLC;16input 14 output; support RS485, 2CH pulse output, 2CH AB-phase count, 2CH external interruption; 220VAC; Can expand 2 BD cards	380.00
	XMH-30T-E	TH765 with 26 buttons+30I/O PLC;16input 14 output; support RS485, 2CH pulse output, 2CH AB-phase count, 2CH external interruption; 220VAC; Can expand 2 BD cards	380.00
	XP-2AD2PT-BD	2 channels 12Bit voltage analog input, 2 channels Pt100 temp sampling card	55.00

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	XP-4AD-BD	14Bit, 0-10V voltage analog input	55.00
	XP-WT-BD	1CH pressure's signal(Voltage 0~39.0625mV) , 16bits high precision A/D; 1CH PT100 signal, 0.1 degree precision;	74.00
	XP-3AD2DA-BD 2	AD input: 12 bits, 0~10V/0~5V selectable; DA output: 10 bits, 0~20mA/4~20mA and 0~10V/0~5V selectable;	74.00
	XP-4AD2DA-BD 2	AD input: 12 bits, 0~10V; DA output: 8 bits, 0~20mA and 0~10V selectable;	55.00
	XP-SD-BD2	Expansion BD card, realize the read/write function between SD card and PLC, stock the data, can expand to 2GB	74.00
	XP-3AD3PT-BD 2	3CH (0~5V, 0~10V) analogue voltage input, 12bits resolution; 3CH Pt100 (-100~350 °C) temperature sampling module, precision: 0.1degrees	74.00

Note:

1. XP3-16R-C and XMH-30RT-E can install two BD cards, and we have BD cards for them: XP-3AD2DA-BD2 and XP-3AD2DA-BD2;
2. BD cards needn't power supply, the load connects to AO and COM, RL<500ohm;

Cable

	Model	Function	Price (USD)
Cable	XC-PC-CAB	PLC program downloading (PC-PLC), PLC and touch panel communicating (PLC-TP/OP/TH).	5
	OP-PC-CAB	OP, TP downloading (PC-TP/OP)	5
	TH-PC-USB	TH program downloading (PC-TH)	11



Inverter

VB3 series

Single phase 220V 50/60Hz	Model	Function	Price (USD)
	VB3-20P7	Suitable motor: 0.75KW; rated output current: 4.7A ; External Dimension: 50*127*165mm	65.00

Three phases 380V 50/60Hz	Model	Function	Price (USD)
	VB3-40P7	Suitable motor: 0.75KW; rated output current: 2.5A ; External dimension: 80*200*162mm	98.8
	VB3-41P5	Suitable motor: 1.5KW; rated output current: 4.5A; External dimension: 80*200*162mm	109.2
	VB3-42P2	Suitable motor: 2.2KW; Rated output current: 6.0A; External Dimension: 80*200*162mm	129.5
VB3-43P7	Suitable motor: 3.7KW; rated output current: 9.6A ; External dimension: 80*200*162mm	176.5	

Note:

- VB3 is compact size, don't support brake unit and X6 terminal.
- The operation panel is un-extensible.

VD4 series inverter

Single phase 220V 50/60Hz

Model	Function	Price(\$)
VD4-20P7	Suitable motor:0.75KW; rated output current: 4.7A; can add brake resistor, operation panel is removable, External Dimension: 50*190*144	78.00
VD4-20P7-A	Suitable motor:0.75KW; rated output current: 4.7A; an add brake resistor, operation panel is removable, External Dimension: 50*190*144 (Note: VD4-20P7-A has OC output, current display and brake, improve the response speed of CI input)	81.00
VD4-21P5	Suitable motor: 1.5KW; rated output current: 7.5A; External Dimension: 83*210*152mm	95.00
VD4-22P2	Suitable motor: 2.2KW; rated output current: 10A; External Dimension: 83*210*152mm	106.00

Three phases 380V 50/60Hz

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Three phases inverter	Model	Function	Price(\$)
	VD4-40P7	Suitable motor: 0.75KW; rated output current: 2.5A; External dimension: 83*210*152mm	115.00
	VD4-41P5	Suitable motor: 1.5KW; rated output current: 4.5A; External dimension: 83*210*152mm	123.00
	VD4-42P2	Suitable motor: 2.2K; rated output current: 6.0A; External dimension: 83*210*152mm	145.00
	VD4-43P7	Suitable motor :3.7KW; Rated output current: 9.6A; External Dimension: 83*210*152mm	153.00
	VD4-45P5	Suitable motor: 5.5KW; rated output current: 14A; External Dimension: 180*260*171.8mm	241.00
	VD4-47P5	Suitable motor: 7.5KW; rated output current: 17A; External Dimension: 180*260*171.8mm	270.00

VB5 series

Single phase 220V 50/60Hz	Model	Function	Price (USD)
	VB5-20P7	Suitable motor: 0.75KW; rated output current: 4.7A ; External Dimension: 70*170*162mm	78.00
	VB5-21P5	Suitable motor: 1.5KW; rated output current: 7.5A ; External Dimension: 70*170*162mm	89.00
	VB5-22P2	Suitable motor: 2.2KW; rated output current: 10A; External Dimension: 70*170*162mm	99.00

Three phases 380V 50/60Hz	Model	Function	Price (USD)
	VB5-40P7	Suitable motor:0.75KW; rated output current: 2.5A ; External dimension: 80*200*162mm	113.00
	VB5-41P5	Suitable motor: 1.5KW; rated output current: 4.5A ; External dimension: 80*200*162mm	123.00
	VB5-42P2	Suitable motor: 2.2K; rated output current:6.0A; External dimension: 80*200*162mm	145.00
	VB5-43P7	Suitable motor :3.7KW; Rated output current: 9.6A; External Dimension: 80*200*162mm	171.00
	VB5-45P5	Suitable motor: 5.5KW; rated output current: 14A; External Dimension: 220*300*210mm	241.00
VB5-47P5	Suitable motor: 7.5KW; rated output current: 17A; External Dimension: 220*300*210mm	270.00	

V5 series



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Three phases 380V 50/60Hz	Model	Function	Price (USD)
	V5-4011	Suitable motor: 11KW; rated output current: 25A; External Dimension: 230*420*217.6mm	340.00
	V5-4015	Suitable motor: 15KW; rated output current: 32A; External Dimension: 230*420*217.6mm	421.00
	V5-4018	Suitable motor: 18.5KW; rated output current: 37A ; External Dimension: 230*420*217.6mm	554.00
	V5-4022	Suitable motor: 22KW; rated output current: 45A; External Dimension: 290*450*217mm	640.00
	V5-4030	Suitable motor: 30KW; rated output current: 60A; External Dimension: 290*450*217mm	807.00
	V5-4037	Suitable motor: 37KW; rated output current: 75A; External Dimension: 375*581*261mm	935.00
	V5-4045	Suitable motor: 45KW; rated output current: 90A; External Dimension: 375*581*261mm	1163.00
V5-4055	Suitable motor: 55KW; rated output current: 110A; External Dimension: 375*581*261mm	1348.00	

Servo driver/motor offer

DS2-AS series driver and motor

DS2-AS Series	Motor	Rate power (KW)	Rate Voltage (V)	Rate current (A)	Rate rotation speed (rpm)	Rate Torque (N.m)	Model	Price (USD)
	MS-60ST-M00630□□-20P2	0.2	220VAC ± 10%	1.5	3000	0.637	DS2-20P2-AS	288.00
	MS-60ST-M01330□□-20P4	0.4	220VAC ± 10%	2.5	3000	1.27	DS2-20P4-AS	288.00
	MS-80ST-M02430□□-20P7	0.75	220VAC ± 10%	3.0	3000	2.4	DS2-20P7-AS	298.00
	MS-90ST-M02430□□-20P7				3000	2.4		298.00

DS2 series driver and motor

DS2 Series	Motor	Rate power (KW)	Rate Voltage (V)	Rate current (A)	Rate rotation speed (rpm)	Rate Torque (N.m)	Model	Price (USD)
	MS-60ST-M01330□□-20P4	0.4	220VAC ± 10%	2.5	3000	1.27	DS2-20P4	288.00
	MS-80ST-M02430□□-20P7	0.75	220VAC ± 10%	3.0	3000	2.4	DS2-20P7	298.00
	MS-90ST-M02430□□-20P7							298.00
	MS-110ST-M04030□□-21P2	1.2	220VAC	5.0	3000	4.0	DS2-21P5	368.00



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	MS-110ST-M05030□□-21P5	1.5	±10%	6.0	3000	5.0		380.00
	MS-130ST-M06025□□-21P5				2500	6.0		393.00
	MS-130ST-M10015□□-21P5				1500	10.0		412.00

DS2-A series driver and motor ^{new}

DS2-A Series	Motor	Rate power (KW)	Rate Voltage (V)	Rate current (A)	Rate rotation speed (rpm)	Rate Torque (N.m)	Model	Price (USD)
	MS-60ST-M01330□□-20P4	0.4	220VAC±10%	2.8	3000	1.27	DS2-20P4-A	307.00
	MS-80ST-M02430□□-20P7	0.75	220VAC±10%	3.0	3000	2.4	DS2-20P7-A	317.00
	MS-90ST-M02430□□-20P7				3000	2.4		317.00
	MS-110ST-M04030□□-21P2	1.2	220VAC±10%	5.0	3000	4.0	DS2-21P5-A	368.00
	MS-110ST-M05030□□-21P5	1.5	220VAC±10%	6.0	3000	5.0		380.00
	MS-130ST-M06025□□-21P5				2500	6.0		393.00
	MS-130ST-M10015□□-21P5				1500	10.0		412.00
	MS-130ST-M07725□□-22P0	2.0	220VAC±10%	7.5	2500	7.7	DS2-22P3-A	418.00
	MS-130ST-M15015□□-22P3	2.3		9.5	1500	15.0		463.00
	MS-180ST-M19015□□-23P0	3.0	220VAC±10%	12.0	1500	19.0	DS2-23P0-A	754.00
	MS-180ST-M27015□□-44P3	4.3	380VAC±10%	10.0	1500	27.0	DS2-45P5-A	1211.00
MS-180ST-M21520□□-44P5	4.5	9.5		2000	21.5	1290.00		
MS-180ST-M35015□□-45P5	5.5	12.0		1500	35.0	1369.00		

DS2-B series driver and motor

DS2-B Series	Motor	Rate power (KW)	Rate Voltage (V)	Rate current (A)	Rate rotation speed (rpm)	Rate Torque (N.m)	Model	Price (USD)
	MS-110ST-M04030□□-21P2	1.2	220VAC±10%	5.0	3000	4.0	DS2-21P5-B	378.00
	MS-110ST-M05030□□-21P5	1.5	220VAC±10%	6.0	3000	5.0		390.00
	MS-130ST-M06025□□-21P5				2500	6.0		403.00
	MS-130ST-M10015□□-21P5				1500	10.0		422.00



DS3 series driver and motor

DS3 Series	Motor	Rate power (KW)	Rate Voltage (V)	Rate current (A)	Rate rotation speed (rpm)	Rate Torque (N.m)	Model	Price (USD)
	MS-80ST-M02430□□-20P7	0.75	220VAC±10%	3.0	3000	2.4	DS3-20P7	395.00
	MS-130ST-M10015□□-21P5	1.5	220VAC±10%	6.0	1500	10	DS3-21P5	441.00
	MS-110ST-M06030□□-21P8	1.8	220VAC±10%	6.0	3000	6.0	DS3-21P8	502.00

Note: (1). The definition of "□□" in the table

Axis Specification	A	No key
	B	Key
Power-off Brake	Blank	No
	Z	With brake

The common model is B, i.e with key, without brake

(2) The above servo motor is default as with key, without brake

(3) If you want to add the power-off brake, you should add 900RMB per set;

Difference between DS2, DS3 and DS2-A

Series	I/O	Pulse	Encoder output	Analogue	DB brake	COM port	Power supply
DS2 Series	2/2 Or 4/3	one terminal	No	no	No	One RS485, One RS232	Single phase 220V
DS3 Series	7/3	Differential and one terminal	Differential output	Yes	Yes	One RS485, two RS232	Single phase or three-phase 220V
DS2-A Series	6/3	Differential and one terminal	Electrode open output	Yes	no	One RS485, One RS232	Single phase or three-phase 220V
DS2-B Series	6/3	Differential and one terminal	Differential output	Yes	no	One RS485, One RS232	Single phase or three-phase 220V

Note:

Difference between -A model and -B model: the encoder feedback of -A models use the electrode open output form (usually use to link with PLC); While the encoder feedback of -B models use the differential output form (usually used to link with the CNC system)

Servo Cable

Driver model	Encoder cable	Motor cable	Length (m)	Price (USD)
DS2-20P4/DS2-20P7 DS2-20P4-A/DS2-20P7-A	CP-DP-02	CM-P07-02	2	7.00
	CP-DP-03	CM-P07-03	3	8.00
	CP-DP-05	CM-P07-05	5	10.00

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DS2-20P2-AS DS2-20P4-AS/DS2-20P7-AS	CP-DP-A-02	CM-P07-02	2	7.00
	CP-DP-A-03	CM-P07-03	3	8.00
	CP-DP-A-05	CM-P07-05	5	10.00
DS2-21P5	CP-DL-02	CM-L15-02	2	8.00
	CP-DL-03	CM-L15-03	3	9.00
	CP-DL-05	CM-L15-05	5	11.00
DS2-21P5-A DS2-21P5-B DS2-22P3-A DS2-23P0-A	CP-DL-A-02	CM-L15A-02	2	8.00
	CP-DL-A-03	CM-L15A-03	3	9.00
	CP-DL-A-05	CM-L15A-05	5	11.00
DS3-20P7	CP-SP-02	CM-P07-02	2	8.00
	CP-SP-03	CM-P07-03	3	9.00
	CP-SP-05	CM-P07-05	5	11.00
DS3-21P5 DS3-21P8	CP-SL-02	CM-L15-02	2	8.00
	CP-SL-03	CM-L15-03	3	9.00
	CP-SL-05	CM-L15-05	5	11.00
DS2-45P5-A	CP-DL-Z-02	CM-L25-02	2	16.00
	CP-DL-Z-03	CM-L25-03	3	18.00
	CP-DL-Z-05	CM-L25-05	5	22.00

Note: If you request power-off brake, the price will be 136USD higher;

XINJE Stepper System

Stepper driver (Standard Type):

	Model	Characteristic	Suitable motor	Power supply voltage	Phase current	Price(\$)
Step Driver (Standard Type)	DP-153	Maxi pulses/rev: 25600 24V pulse input	Two phases mixed type (4,6,8 lines)	DC12-30V	0-1.5A	23.80
	DP-153-L	Maxi pulses/rev:25600 5V pulse input	Two phases mixed type (4,6,8 lines)	DC12-30V	0-1.5A	23.80
	DP-304	Maxi pulses/rev:12800 24V pulse input	Two phases mixed type (4,6,8 lines)	DC12-40V	0-2.5A	34.85
	DP-304-L	Maxi pulses/rev:12800 5V pulse input	Two phases mixed type (4,6,8 lines)	DC12-40V	0-2.5A	34.85



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DP504	Maxi pulses/rev:40000	Two phases mixed type (4,6,8 lines)	DC20-40V	0-5A	51.00
DP-504-L	Maxi pulses/rev: 40000; 5V pulse input	Two phases mixed type (4,6,8 lines)	DC20-40V	0-5A	51.00
DP508	Maxi pulses/rev: 40000, 24V pulse input	Two phases mixed type (4,6,8 lines)	DC20-80V	0-5A	58.65
DP-508-L	Maxi pulses/rev: 40000, 5V pulse input	Two phases mixed type (4,6,8 lines)	DC20-80V	0-5A	58.65
DP708	Maxi pulses/rev: 65535	Two phases mixed type (4,6,8 lines)	DC80V	0-7A	135.15
DP3022	Maxi pulses/rev: 65535, digital display, RS485 communication	Three phases	AC220V	0-3A	128.35
DP7022	Maxi pulses/rev: 40000	Three phases	AC220V	0-7A	135.15

Stepper driver (Basic Type):

Step Driver (Basic Type)	Model	Characteristic	Suitable motor	Power supply voltage	Phase current	Price(\$)
	DP-508E	Maxi pulses/rev: 40000, 24V pulse input	Two phases mixed type (4,6,8 lines)	DC20-80V	0-5A	44.20
	DP-508E-L	Maxi pulses/rev: 40000, 5V pulse input	Two phases mixed type (4,6,8 lines)	DC20-80V	0-5A	44.20

Stepper driver (Strength Type):

Step Driver (Strength Type)	Model	Characteristic	Suitable motor	Power supply voltage	Phase current	Price(\$)
	DP508A	Maxi pulses/rev: 40000, 24V pulse input	Two phases mixed type (4,6,8 lines)	DC20-80V	0-5A	64.60
	DP508A-L	Maxi pulses/rev: 40000, 5V pulse input	Two phases mixed type (4,6,8 lines)	DC20-80V	0-5A	64.60
	DP7022C	Maxi pulses/rev: 40000, RS485 communication	Three phases	AC220V	0-7A	142.80
	DP-5022P	Maxi pulses/rev: 65535, digit display, RS485, energy brake unit etc.	Three phases	AC220V	0-5A	135.15
	DP-7022P	Maxi pulses/rev: 65535, digit display, RS485, energy brake unit etc.	Three phases	AC220V	0-7A	144.50



Note: DP508A、DP508A-L Specification:

- a、 With Hall short-circuit protection and input reverse protection;
- b、 Difference with DP-508: Alarm terminal's output signal and alarm lamp signal are separate;
- c、 DP-508A、 DP508A-L support alarm in lack of phase or reverse wiring among phases;
- d、 Two phase motors support alarm in lack of phase or reverse wiring among phases; the alarm lamp ON/OFF ratio is 3:1

Stepper motor

1. Two-phase motor

Motor model	Step angle (°)	Length (mm)	Phase current(A)	Resting torque (N*M)	Moment of inertia (g.cm ²)	Axes Diameter (mm)	Weight (Kg)	Suitable driver	Price(\$)
42BYGH038	1.8	38	1.2	0.26	54	5	0.28	DP504	11.70
42BYGH047	1.8	47	1.2	0.32	86	5	0.35	DP504	11.70
57BYGH051	1.8	51	3	0.72	275	6.35	0.65	DP504	21.60
57BYGH056	1.8	56	3	0.9	300	6.35	0.7	DP504	18.00
57BYGH076	1.8	76	3	1.35	480	6.35	1.0	DP504	21.60
86BYGH065	1.8	65	2.8	3.3	1000	9.5	1.7	DP504&DP508	37.80
86BYGH080	1.8	80	4.2	4.5	1400	12.7	2.3	DP508&DP708	43.20
86BYGH118	1.8	118	4.2	8.5	2700	12.7	3.8	DP508&DP708	58.50
86BYGH156	1.8	156	4.2	12	4000	12.7	5.4	DP508&DP708	75.60
110BYGH099	1.8	99	5.5	8.5	5500	16	5	DP708	100.80
110BYGH115	1.8	115	6	12	7200	16	6	DP708	118.80
110BYGH150	1.8	150	6.5	21	10900	16	8.4	DP708	144.00

2. Three-phase motor

Motor model	Step angle (°)	Length (mm)	Phase current (A)	Holding torque (N*M)	Rotor inertia (g.cm ²)	Shaft diameter (mm)	Weight (Kg)	Suitable driver	Price (\$)
86BYGH312 5-H	1.2	125	3	6	3480	12	4	DP5022&DP7022	97.02
86BYGH312 5	1.2	125	5.8	6	3480	12	4	DP7022	97.02
110BYGH31 25	1.2	124.5	4.3	8	6000	19	5	DP5022&DP7022	117.61
110BYGH31 48	1.2	148	6	12	9720	19	6.6	DP7022	138.18
110BYGH31 82	1.2	182	6.4	16	13560	19	9	DP7022	167.58
110BYGH32 16	1.2	216	6.9	20	17400	19	11.1	DP7022	167.58
130BYGH31	1.2	154	4	15	20000	24	11	DP5022&	235.20

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54								DP7022	
130BYGH31 83	1.2	183	4	20	26700	24	14.1	DP5022& DP7022	235.20
130BYGH32 15	1.2	215	4	28	33970	24	17.2	DP5022& DP7022	264.60
130BYGH32 47	1.2	247	4	35	41240	24	19.8	DP5022& DP7022	294.00
130BYGH33 11	1.2	311	4	50	55780	24	26	DP5022& DP7022	352.80

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