



Yacht, bamboo raft, kart battery

TP-A889 72V/80Ah

Product Highlights

Efficient power

- Highly stable performance, no need to worry about performance degradation.
- Fast, anytime charging, no memory effect.
- Lighter weight, easier to maneuver and faster to start.

Safety & Reliability

- Completely sealed design, IP67 protection level, waterproof and dustproof.
- Intelligent battery management system enables battery balancing, advanced battery management and multiple protections.
- Stronger thermal and chemical stability, reducing the risk of thermal runaway.

Durable

- 6-year design life and over 3,000 cycles.
- Batteries are manufactured to marine grade production standards.
- Low self-discharge rate.

maintain

- No gas or acid leakage, no extra space required for batteries, saving costs.
- No need for frequent and time-consuming battery replacements.
- Save labor and maintenance costs, lower total cost of ownership.

Items	TP-A889-72V/80Ah
Nominal voltage (V)	76.8V
Nominal capacity (Ah)	81Ah
Rated energy(Wh)	6220Wh (6.22KWh)
Maximum charging voltage (V)	87.6V
Maximum charging current (A)	40A
Maximum continuous discharge current (A)	160A
Maximum peak discharge current @30 seconds (A)	220A
Maximum load power (W)	12288W
Discharge cut-off voltage (V)	52.8V
Cell model	IFP20100140A-27Ah
Battery brand	Guoxuan
Cell combination method	24S3P
Cycle (25°C,0.5C,DOD80%)	2500
Protection class	IP67
Reference weight (kg)	About 60kg
Application areas	Yachts, bamboo rafts, karts
Charging temperature(°C)	0~55°C
Discharge temperature(°C)	-20~55°C
Product size(w*D*H,mm)	683±1*423±1*230±1mm
Communication mode	CAN/RS485



ships, yachts

TP-A959 51.2V/400Ah

Product Highlights

Efficient power

- Highly stable performance, no need to worry about performance degradation.
- Fast, anytime charging, no memory effect.
- Lighter weight, easier to maneuver and faster to start.

Durable

- 6-year design life and over 3,000 cycles.
- Batteries are manufactured to marine grade production standards.
- Low self-discharge rate.

Safety& Reliability

- Completely sealed design, IP67 protection level, waterproof and dustproof.
- Intelligent battery management system enables battery balancing, advanced battery management and multiple protections.
- Stronger thermal and chemical stability, reducing the risk of thermal runaway.

maintain

- No gas or acid leakage, no extra space required for batteries, saving costs.
- No need for frequent and time-consuming battery replacements.
- Save labor and maintenance costs, lower total cost of ownership.

Items	TP-A959-51.2V/400Ah
Nominal voltage (V)	51.2V
Nominal capacity (Ah)	400Ah
Rated energy(Wh)	20480Wh (20.48KWh)
Maximum charging voltage (V)	58.4V
Maximum charging current (A)	400A
Maximum continuous discharge current (A)	400A
Maximum peak discharge current @30 seconds (A)	480A
Maximum load power (W)	20480W
Discharge cut-off voltage (V)	40V
Cell model	LF50F-50Ah
Battery brand	Yiwei
Cell combination method	16S1P*8 parallel machine
Cycle (25°C.0.5C,DOD80%)	1500
Protection class	IP67
Reference weight (kg)	About 30kg
Application areas	ships, yachts
Charging temperature(°C)	0~55°C
Discharge temperature(°C)	-20~60°C
Product size(w*D*H,mm)	(400*325*150) ±2 mm
Communication mode	CAN/RS485



Motor boats, bamboo rafts

TP-A977 76.8V/108Ah

Product Highlights

/ Efficient power

- Highly stable performance, no need to worry about performance degradation.
- Fast, anytime charging, no memory effect.
- Lighter weight, easier to maneuver and faster to start.

/ Safety& Reliability

- Completely sealed design, IP67 protection level, waterproof and dustproof.
- Intelligent battery management system enables battery balancing, advanced battery management and multiple protections.
- Stronger thermal and chemical stability, reducing the risk of thermal runaway.

/ Durable

- 6-year design life and over 3,000 cycles.
- Batteries are manufactured to marine grade production standards.
- Low self-discharge rate.

/ maintain

- No gas or acid leakage, no extra space required for batteries, saving costs.
- No need for frequent and time-consuming battery replacements.
- Save labor and maintenance costs, lower total cost of ownership.

Items	TP-A977-76.8V/108Ah
Nominal voltage (V)	76.8V
Nominal capacity (Ah)	108Ah
Rated energy(Wh)	8294.4Wh (8.2944KWh)
Maximum charging voltage (V)	93.6V
Maximum charging current (A)	15A
Maximum continuous discharge current (A)	300A
Maximum peak discharge current@30seconds (A)	350A
Maximum load power (W)	23000W
Discharge cut-off voltage (V)	60V
Cell model	IFP20100140A-27Ah
Battery brand	Guoxuan
Cell combination method	24S4P
Cycle (25°C.0.5C,DOD80%)	2000
Protection class	IP67
Reference weight (kg)	About 76kg
Application areas	Motor boats, bamboo rafts
Charging temperature(°C)	0~55°C
Discharge temperature(°C)	-20~55°C
Product size(w*D*H,mm)	683±1*423±1*230±1mm
Communication mode	CAN/RS485



surfboard

TP-A903 65.7V/55Ah

Product Highlights

/ Efficient power

- Highly stable performance, no need to worry about performance degradation.
- Fast, anytime charging, no memory effect.
- Lighter weight, easier to maneuver and faster to start.

/ Safety& Reliability

- Completely sealed design, IP67 protection level, waterproof and dustproof.
- Intelligent battery management system enables battery balancing, advanced battery management and multiple protections.
- Stronger thermal and chemical stability, reducing the risk of thermal runaway.

/ Durable

- 6-year design life and over 3,000 cycles.
- Batteries are manufactured to marine grade production standards.
- Low self-discharge rate.

/ maintain

- No gas or acid leakage, no extra space required for batteries, saving costs.
- No need for frequent and time-consuming battery replacements.
- Save labor and maintenance costs, lower total cost of ownership.

Items	TP-A903-65.7V/55Ah
Nominal voltage (V)	65.7V
Nominal capacity (Ah)	55Ah
Rated energy(Wh)	3613.5Wh (3.6135KWh)
Maximum charging voltage (V)	83.95V
Maximum charging current (A)	55A
Maximum continuous discharge current (A)	165A
Maximum peak discharge current @30 seconds (A)	200A
Maximum load power (W)	12000W
Discharge cut-off voltage (V)	50.4V
Cell model	INP27148101A-55Ah
Battery brand	Guoxuan
Cell combination method	18S1P
Cycle (25°C,0.5C,DOD80%)	2000
Protection class	IP67
Reference weight (kg)	About 25kg
Application areas	surfboard
Charging temperature(°C)	0~45°C
Discharge temperature(°C)	-30~55°C
Product size(w*D*H,mm)	405±1*285±1*126.5±1mm
Communication mode	CAN



surfboard

TP-A1007 65.7V/110Ah

Product Highlights

Efficient power

- Highly stable performance, no need to worry about performance degradation.
- Fast, anytime charging, no memory effect.
- Lighter weight, easier to maneuver and faster to start.

Durable

- 6-year design life and over 3,000 cycles.
- Batteries are manufactured to marine grade production standards.
- Low self-discharge rate.

Safety& Reliability

- Completely sealed design, IP67 protection level, waterproof and dustproof.
- Intelligent battery management system enables battery balancing, advanced battery management and multiple protections.
- Stronger thermal and chemical stability, reducing the risk of thermal runaway.

maintain

- No gas or acid leakage, no extra space required for batteries, saving costs.
- No need for frequent and time-consuming battery replacements.
- Save labor and maintenance costs, lower total cost of ownership.

Items	TP-A1007-65.7V/110Ah
Nominal voltage (V)	65.7V
Nominal capacity (Ah)	110Ah
Rated energy(Wh)	7227Wh (7.23KWh)
Maximum charging voltage (V)	77.4V
Maximum charging current (A)	110A
Maximum continuous discharge current (A)	200A
Maximum peak discharge current @30 seconds (A)	220A
Maximum load power (W)	13140W
Discharge cut-off voltage (V)	50.4V
Cell model	INP27148101A-55Ah
Battery brand	Guoxuan
Cell combination method	18S2P
Cycle (25°C.0.5C,DOD80%)	2000
Protection class	IP67
Reference weight (kg)	About 50kg
Application areas	go kart
Charging temperature(°C)	0~45°C
Discharge temperature(°C)	-30~55°C
Product size(w*D*H,mm)	543±1*393±1*120±1mm
Communication mode	/



surfboard

TP-A986 102V/108Ah

Product Highlights

Efficient power

- Highly stable performance, no need to worry about performance degradation.
- Fast, anytime charging, no memory effect.
- Lighter weight, easier to maneuver and faster to start.

Durable

- 6-year design life and over 3,000 cycles.
- Batteries are manufactured to marine grade production standards.
- Low self-discharge rate.

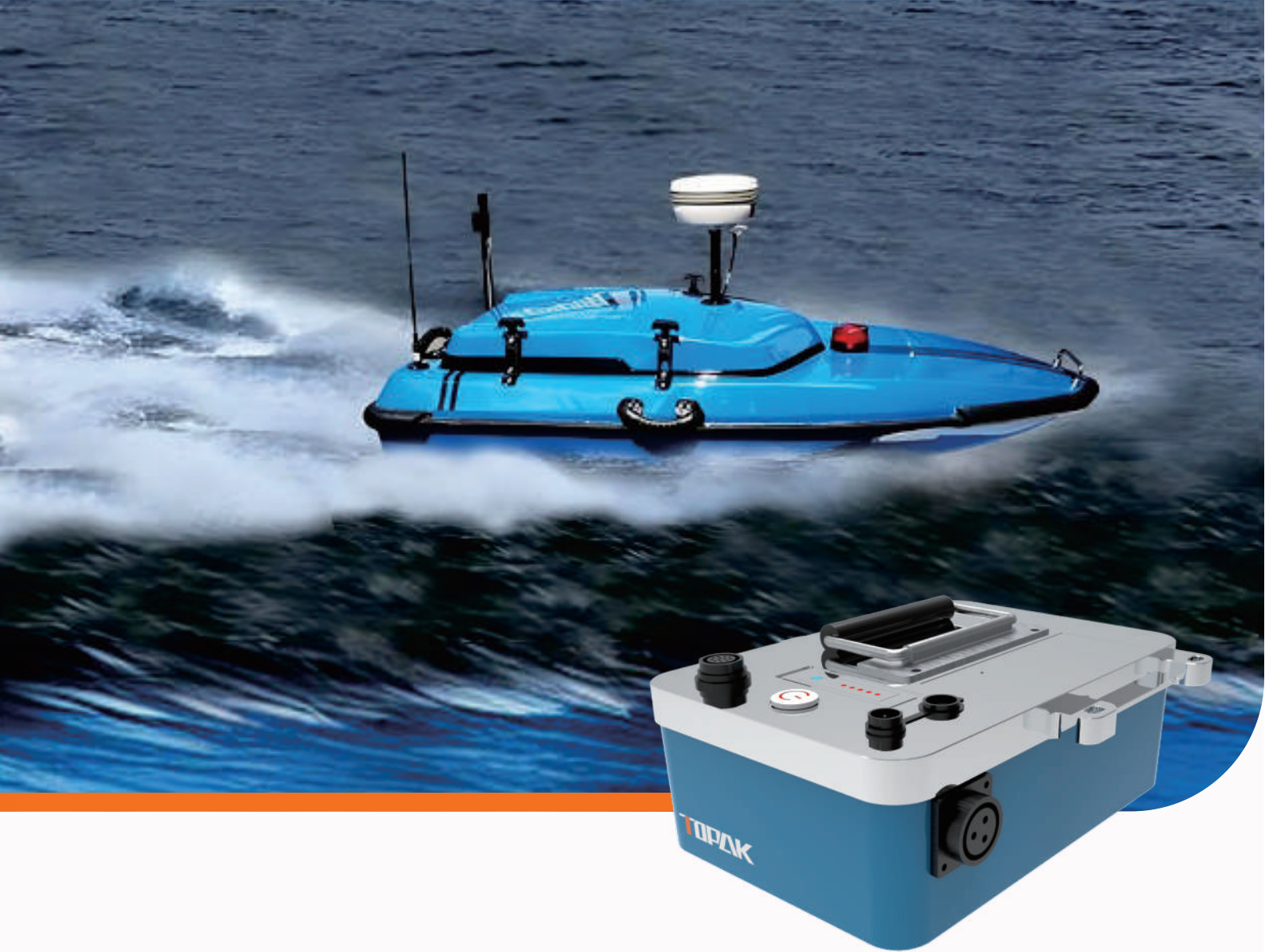
Safety& Reliability

- Completely sealed design, IP67 protection level, waterproof and dustproof.
- Intelligent battery management system enables battery balancing, advanced battery management and multiple protections.
- Stronger thermal and chemical stability, reducing the risk of thermal runaway.

maintain

- No gas or acid leakage, no extra space required for batteries, saving costs.
- No need for frequent and time-consuming battery replacements.
- Save labor and maintenance costs, lower total cost of ownership.

Items	TP-A986-102V/108Ah
Nominal voltage (V)	102V
Nominal capacity (Ah)	108Ah
Rated energy(Wh)	11016Wh (11.016KWh)
Maximum charging voltage (V)	124.8V
Maximum charging current (A)	54A
Maximum continuous discharge current (A)	220A
Maximum peak discharge current@30seconds (A)	350A
Maximum load power (W)	22440W
Discharge cut-off voltage (V)	64V
Cell model	IFP20100140A-27Ah
Battery brand	Guoxuan
Cell combination method	32S4P
Cycle (25°C.0.5C,DOD80%)	2000
Protection class	IP67
Reference weight (kg)	About 109.5kg
Application areas	Motor boats, electric bamboo rafts
Charging temperature(°C)	0~45°C
Discharge temperature(°C)	-20~60°C
Product size(w*D*H,mm)	(680*595*245) ±2 mm
Communication mode	CAN



uncrewed surface vessel

TP-C2097 29.04V/34.3Ah

Product Highlights

/ Efficient power

- Highly stable performance, no need to worry about performance degradation.
- Fast, anytime charging, no memory effect.
- Lighter weight, easier to maneuver and faster to start.

/ Durable

- 6-year design life and over 3,000 cycles.
- Batteries are manufactured to marine grade production standards.
- Low self-discharge rate.

/ Safety& Reliability

- Completely sealed design, IP67 protection level, waterproof and dustproof.
- Intelligent battery management system enables battery balancing, advanced battery management and multiple protections.
- Stronger thermal and chemical stability, reducing the risk of thermal runaway.

/ maintain

- No gas or acid leakage, no extra space required for batteries, saving costs.
- No need for frequent and time-consuming battery replacements.
- Save labor and maintenance costs, lower total cost of ownership.

Items	TP-C2097-29.04V/34.3Ah
Nominal voltage (V)	29.04V
Nominal capacity (Ah)	34.3Ah
Rated energy(Wh)	996Wh (0.996KWh)
Maximum charging voltage (V)	33.6V
Maximum charging current (A)	10A
Maximum continuous discharge current (A)	50A
Maximum peak discharge current@30seconds (A)	80A
Maximum load power (W)	1452W
Discharge cut-off voltage (V)	21.2V
Cell model	50E-21700-5Ah
Battery brand	Samsung
Cell combination method	8S7P
Cycle (25°C.0.5C,DOD80%)	500
Protection class	IP67
Reference weight (kg)	About 6.4kg
Application areas	uncrewed surface vessel
Charging temperature(°C)	0~+45°C
Discharge temperature(°C)	-20~+60°C
Product size(w*D*H,mm)	(271*236*116) ±1mm
Communication mode	CAN