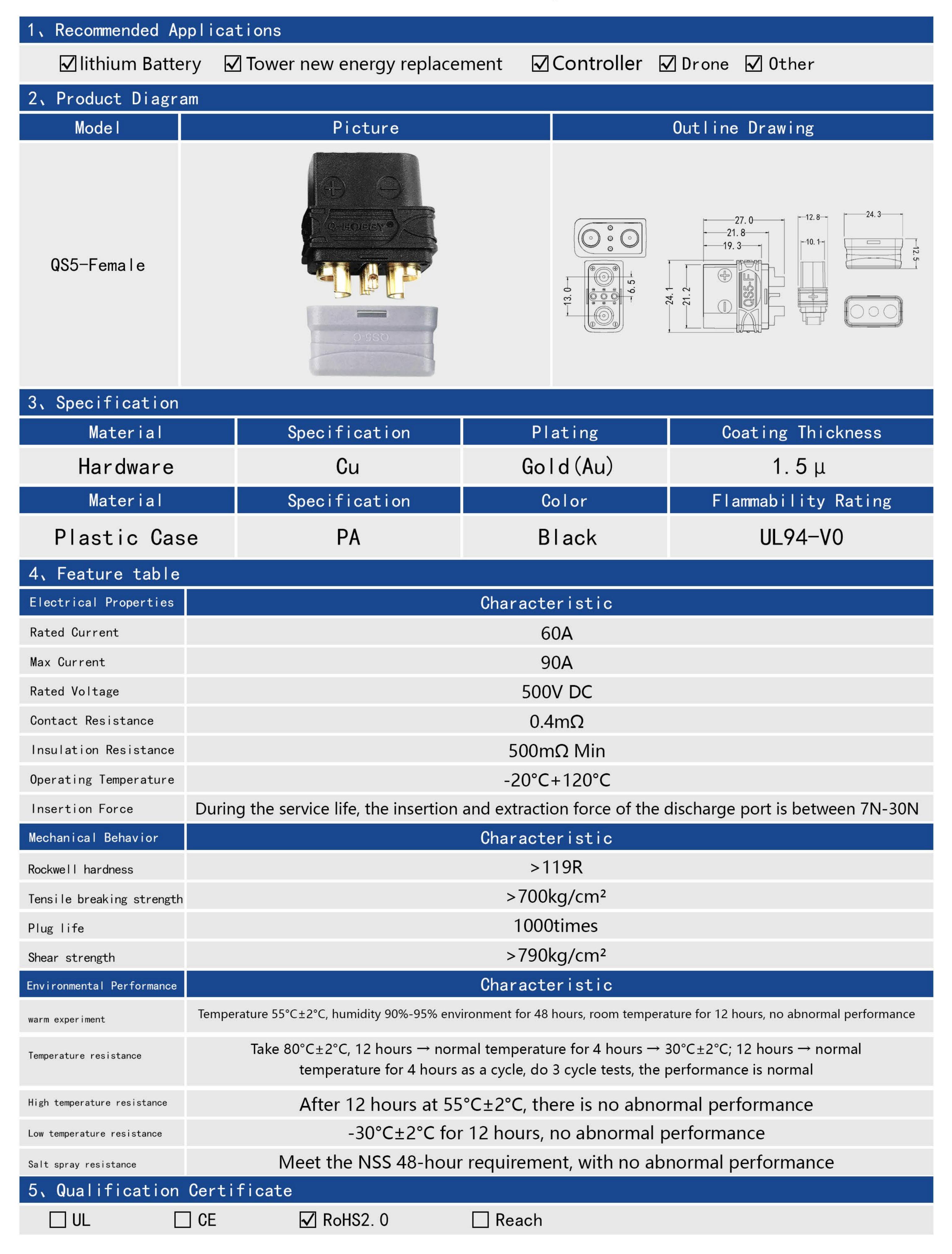




1. Recommended Ap	plications						
☑ lithium Batte	ry 遥控模型	energy replace	ment 🗹	Controller 🔽	☑ Drone ☑	0ther	
2. Product Diagra	ım						
Model		Picture			Outline Dra	awing	
QS4+5						8.0 10.0 10.0 10.0	-9.2-
3. Specification		_ : C : L :	<b>D</b> I			Th:	
Material	Sp	ecification		ating		ng Thickness	
Hardware		Cu		ld (Au)		1. 5 μ	
Material	Sp	ecification	Color		Flammability Rating		g
Plastic Cas	е	PC+ABS	Black & Red UL94-V0				
4. Feature table							
Electrical Properties			Characte	eristic			
Rated Current				0A			
Max Current				0A			
Rated Voltage				V DC			
Contact Resistance				Ω Max			
Insulation Resistance				nΩ Min			
Operating Temperature				+120°C			
Insertion Force	During the serv	ice life, the insertion		V2 11 12 12 1	discharge port	t is between /N	-30N
Mechanical Behavior			Characte				
Rockwell hardness			· · · · · · · · · · · · · · · · · · ·	19R			
Tensile breaking strength				kg/cm²			
Plug life	1000times						
Shear strength  Environmental Performance	>790kg/cm² Characteristic						
Environmental Performance	Tomporature 55°C+	2°C humidity 90%-95% anyi			ture for 12 hours	no abnormal perform	manco
warm experiment  Temperature resistance	Temperature 55°C±2°C, humidity 90%-95% environment for 48 hours, room temperature for 12 hours, no abnormal performance  Take 80°C±2°C, 12 hours → normal temperature for 4 hours → 30°C±2°C; 12 hours → normal temperature for 4 hours as a cycle, do 3 cycle tests, the performance is normal						
High temperature resistance	After 12 hours at 55°C±2°C, there is no abnormal performance						
Low temperature resistance	-30°C±2°C for 12 hours, no abnormal performance						
Salt spray resistance	Meet the NSS 48-hour requirement, with no abnormal performance						
5. Qualification							
		RoHS2. 0	Reach				







1. Recommended App	plications					
☑ lithium Batter	y 🗹 Tower new energy replacer	nent 🗹 Controller	☑ Drone ☑ Other			
2. Product Diagram	m					
Model	Picture		Outline Drawing			
QS5-Male			24.9 19.6 17.1 12.2 12.8 12.2 55			
3. Specification						
Material	Specification	Plating	Coating Thickness			
Hardware	Cu	Gold (Au)	1. 5 μ			
Material	Specification	Color	Flammability Rating			
Plastic Case	e PA	Black	UL94-V0			
4. Feature table						
Electrical Properties		Characteristic				
Rated Current		60A				
Max Current		90A				
Rated Voltage		500V DC				
Contact Resistance		0.4mΩ				
Insulation Resistance		500mΩ Min				
Operating Temperature		-20°C+120°C				
Insertion Force	During the service life, the insertion a	and extraction force of the	discharge port is between 7N-30N			
Mechanical Behavior		Characteristic				
Rockwell hardness		>119R				
Tensile breaking strength		>700kg/cm <sup>2</sup>				
Plug life	1000times					
Shear strength		>790kg/cm <sup>2</sup>				
Environmental Performance		Characteristic				
warm experiment	Temperature 55°C±2°C, humidity 90%-95% envi	onment for 48 hours, room tempe	rature for 12 hours, no abnormal performance			
Temperature resistance	Take 80°C±2°C, 12 hours → normal temperature for 4 hours → 30°C±2°C; 12 hours → normal temperature for 4 hours as a cycle, do 3 cycle tests, the performance is normal					
High temperature resistance	After 12 hours at 55°C±2°C, there is no abnormal performance					
Low temperature resistance	-30°C±2°C for 12 hours, no abnormal performance					
Salt spray resistance	Meet the NSS 48-hour requirement, with no abnormal performance					
5. Qualification	Certificate					
	CE	Reach				



1. Recommended Ap	plications					
☑ lithium Batter	ry 🗹 Tower new energy replacer	ment 🗹 Controller	☑ Drone ☑ Other			
2. Product Diagra	m					
Model	Picture		Outline Drawing			
QS8-S-Female		7.88	24. 73  10. 60  5. 1 9  7  7  7  7  7  7  7  7  7  7  7  7  7			
3. Specification						
Material	Specification	Plating	Coating Thickness			
Hardware	Cu	Gold (Au)	1. 5 μ			
Material	Specification	Color	Flammability Rating			
Plastic Cas	e PA	Black & Blue	UL94-V0			
4. Feature table						
Electrical Properties		Characteristic				
Rated Current		110A				
Max Current		180A				
Rated Voltage		500V DC				
Contact Resistance		0.51mΩ Max				
Insulation Resistance	500mΩ Min					
Operating Temperature	-20°C+120°C					
Insertion Force	During the service life, the insertion a	and extraction force of the	discharge port is between 7N-30N			
Mechanical Behavior		Characteristic				
Rockwell hardness		>119R				
Tensile breaking strength		>700kg/cm²				
Plug life		1000times				
Shear strength		>790kg/cm²				
Environmental Performance		Characteristic				
warm experiment	Temperature 55°C±2°C, humidity 90%-95% envi	ronment for 48 hours, room tempera	ature for 12 hours, no abnormal performance			
Temperature resistance	Take 80°C±2°C, 12 hours $\rightarrow$ normal temperature for 4 hours $\rightarrow$ 30°C±2°C; 12 hours $\rightarrow$ normal temperature for 4 hours as a cycle, do 3 cycle tests, the performance is normal					
High temperature resistance	After 12 hours at 55°C±2°C, there is no abnormal performance					
Low temperature resistance	-30°C±2°C for 12 hours, no abnormal performance					
Salt spray resistance	Meet the NSS 48-hour requirement, with no abnormal performance					
5. Qualification	Certificate					
	CE RoHS2. 0	Reach				

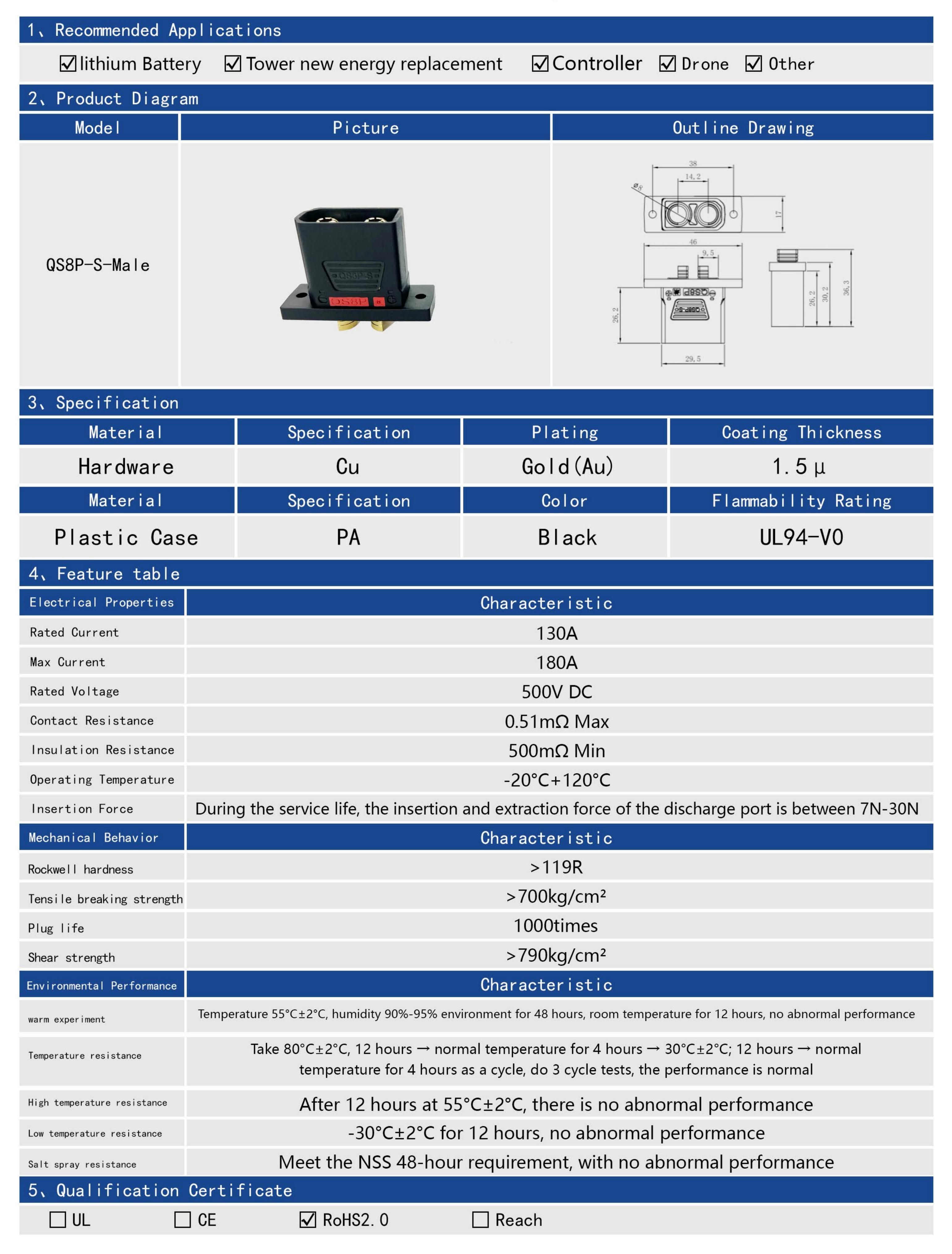


1. Recommended Ap	plications					
☑ lithium Batter	ry 🗹 Tower new energy replace	ment 🗹 Controller	☑Drone ☑Other			
2. Product Diagra	.m					
Model	Picture		Outline Drawing			
QS8-S-Male		13.68	25.30			
3. Specification						
Material	Specification	Plating	Coating Thickness			
Hardware	Cu	Gold (Au)	1. 5 μ			
Material	Specification	Color	Flammability Rating			
Plastic Cas	e PA	Black & Blue	UL94-V0			
4. Feature table	cure table					
Electrical Properties		Characteristic				
Rated Current		110A				
Max Current		180A				
Rated Voltage		500V DC				
Contact Resistance		0.51mΩ Max				
Insulation Resistance	500mΩ Min					
Operating Temperature	-20°C+120°C					
Insertion Force	During the service life, the insertion	and extraction force of the	discharge port is between 7N-30N			
Mechanical Behavior		Characteristic				
Rockwell hardness		>119R				
Tensile breaking strength		>700kg/cm²				
Plug life	1000times					
Shear strength	>790kg/cm²					
Environmental Performance	Characteristic					
warm experiment	Temperature 55°C±2°C, humidity 90%-95% environment for 48 hours, room temperature for 12 hours, no abnormal performance					
Temperature resistance	Take 80°C±2°C, 12 hours $\rightarrow$ normal temperature for 4 hours $\rightarrow$ 30°C±2°C; 12 hours $\rightarrow$ normal temperature for 4 hours as a cycle, do 3 cycle tests, the performance is normal					
High temperature resistance	After 12 hours at 55°C±2°C, there is no abnormal performance					
Low temperature resistance	-30°C±2°C for 12 hours, no abnormal performance					
Salt spray resistance	Meet the NSS 48-hour requirement, with no abnormal performance					
5. Qualification	Certificate					
	CE RoHS2. 0	Reach				

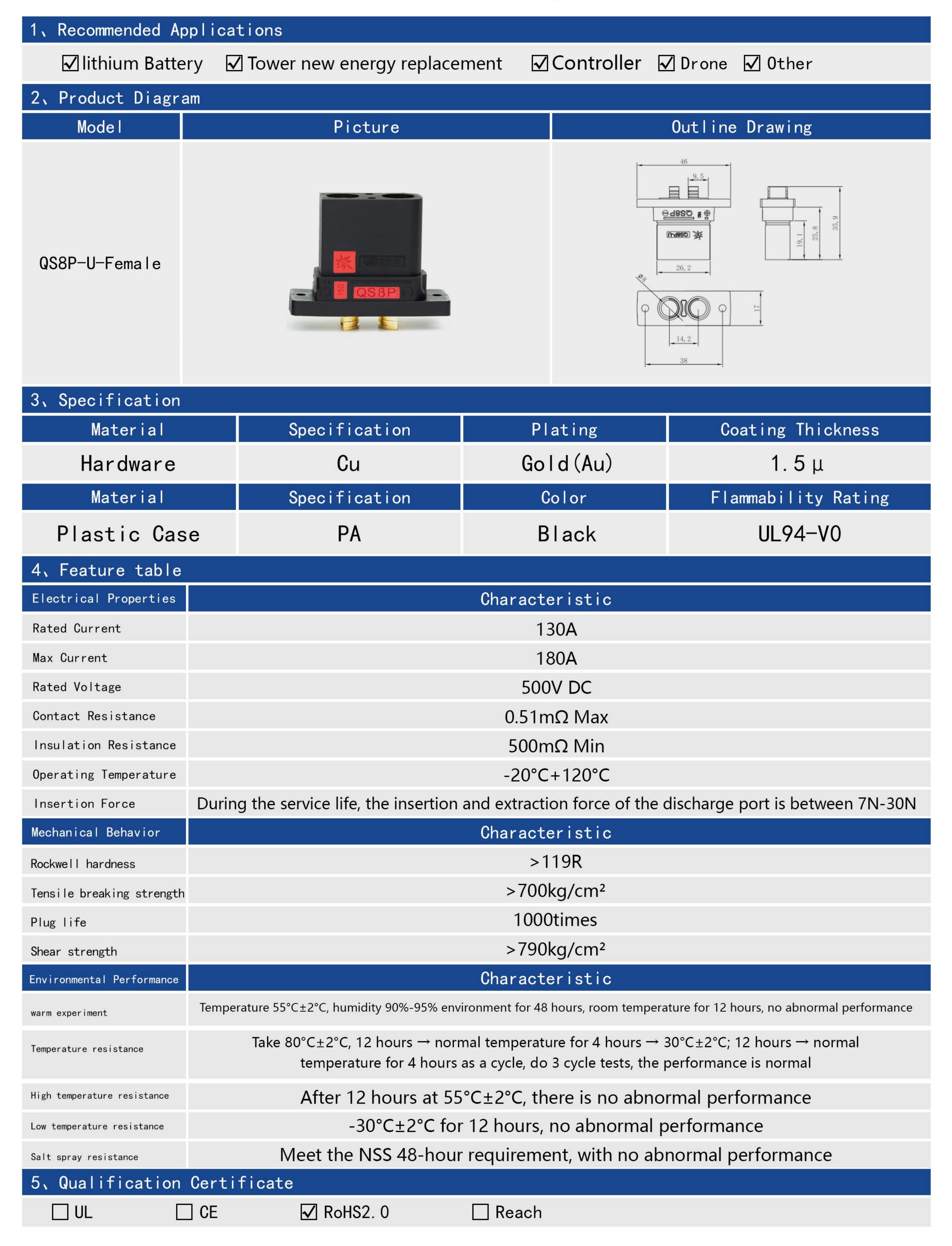


1. Recommended Applications					
☑ lithium Batter	y 🗹 Tower new energy replacer	nent 🗹 Controller	√Drone √Other		
2. Product Diagram	m				
Model	Picture		Outline Drawing		
QS8P-S-Female		42 14, 2 14, 2 15, 0 15, 0			
3. Specification					
Material	Specification	Plating	Coating Thickness		
Hardware	Cu	Gold (Au)	1. 5 μ		
Material	Specification	Color	Flammability Rating		
Plastic Case	e PA	Black	UL94-V0		
4. Feature table					
Electrical Properties		Characteristic			
Rated Current		130A			
Max Current		180A			
Rated Voltage		500V DC			
Contact Resistance		0.51mΩ Max			
Insulation Resistance		500mΩ Min			
Operating Temperature		-20°C+120°C			
Insertion Force	During the service life, the insertion a	and extraction force of the	discharge port is between 7N-30N		
Mechanical Behavior		Characteristic			
Rockwell hardness		>119R			
Tensile breaking strength		>700kg/cm²			
Plug life	1000times				
Shear strength	>790kg/cm²				
Environmental Performance		Characteristic			
warm experiment	Temperature 55°C±2°C, humidity 90%-95% environment for 48 hours, room temperature for 12 hours, no abnormal performance				
Temperature resistance	Take 80°C±2°C, 12 hours → normal temperature for 4 hours → 30°C±2°C; 12 hours → normal temperature for 4 hours as a cycle, do 3 cycle tests, the performance is normal				
High temperature resistance	After 12 hours at 55°C±2°C, there is no abnormal performance				
Low temperature resistance	-30°C±2°C for 12 hours, no abnormal performance				
Salt spray resistance	Meet the NSS 48-hour requirement, with no abnormal performance				
5. Qualification	Certificate				
	CE	Reach			

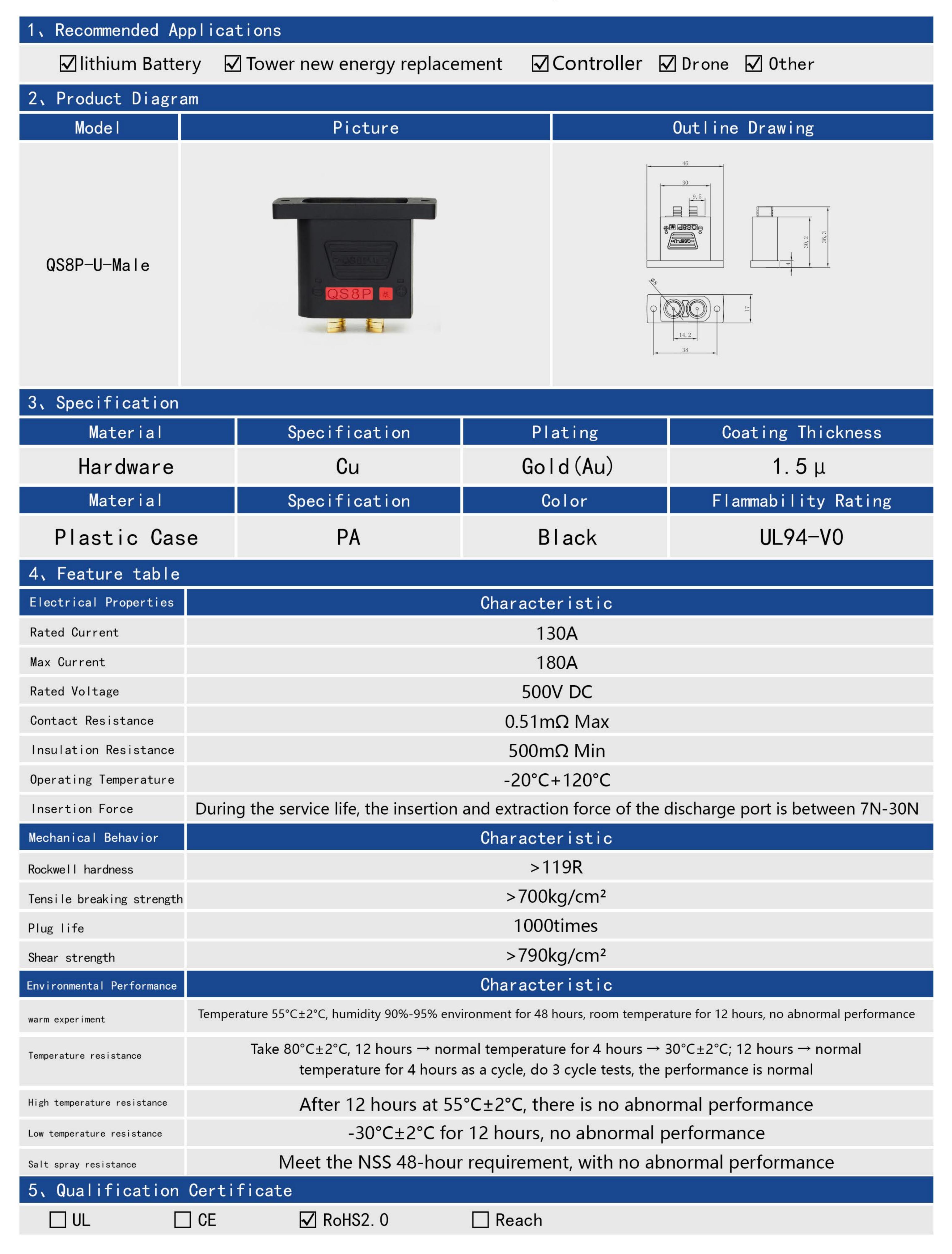




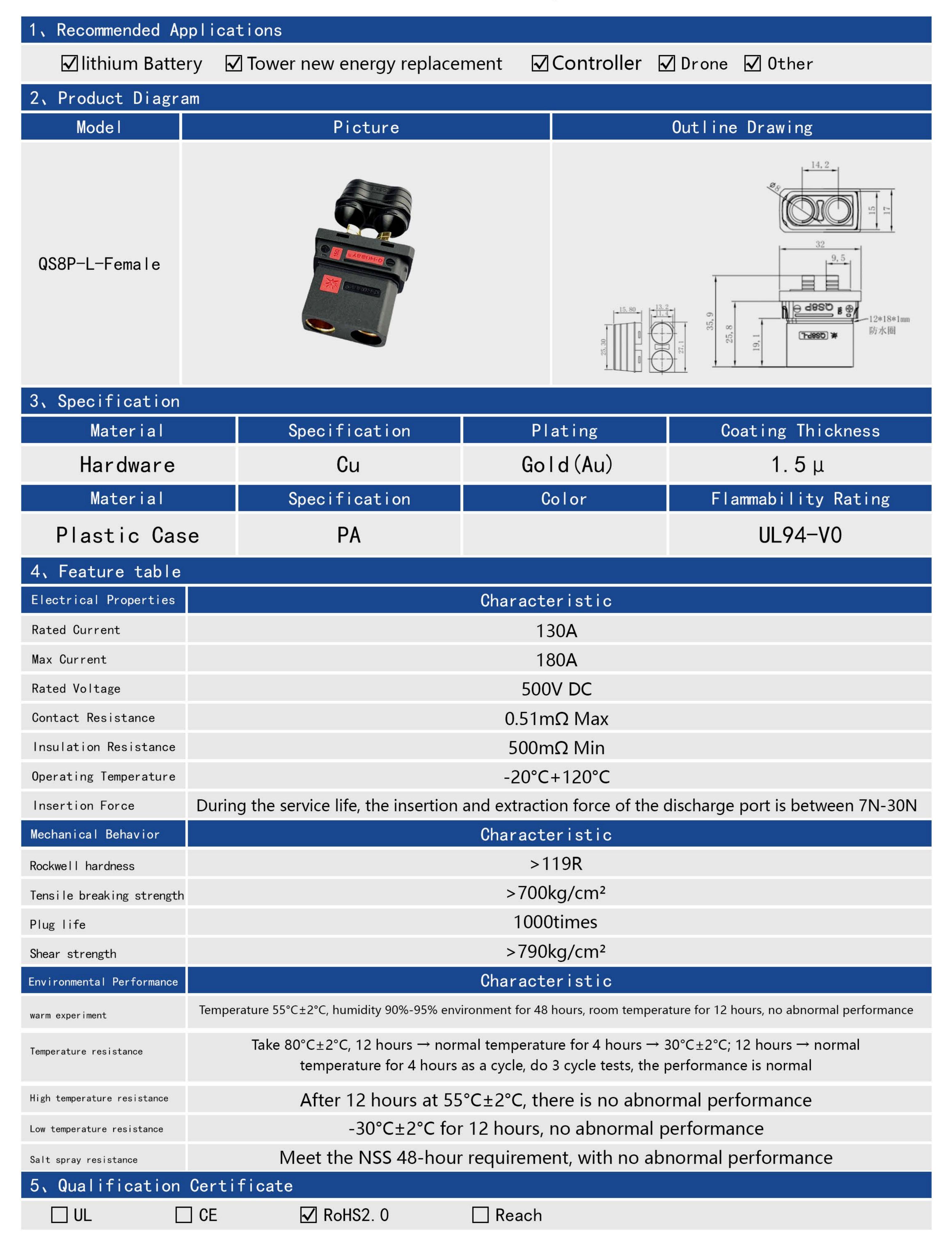




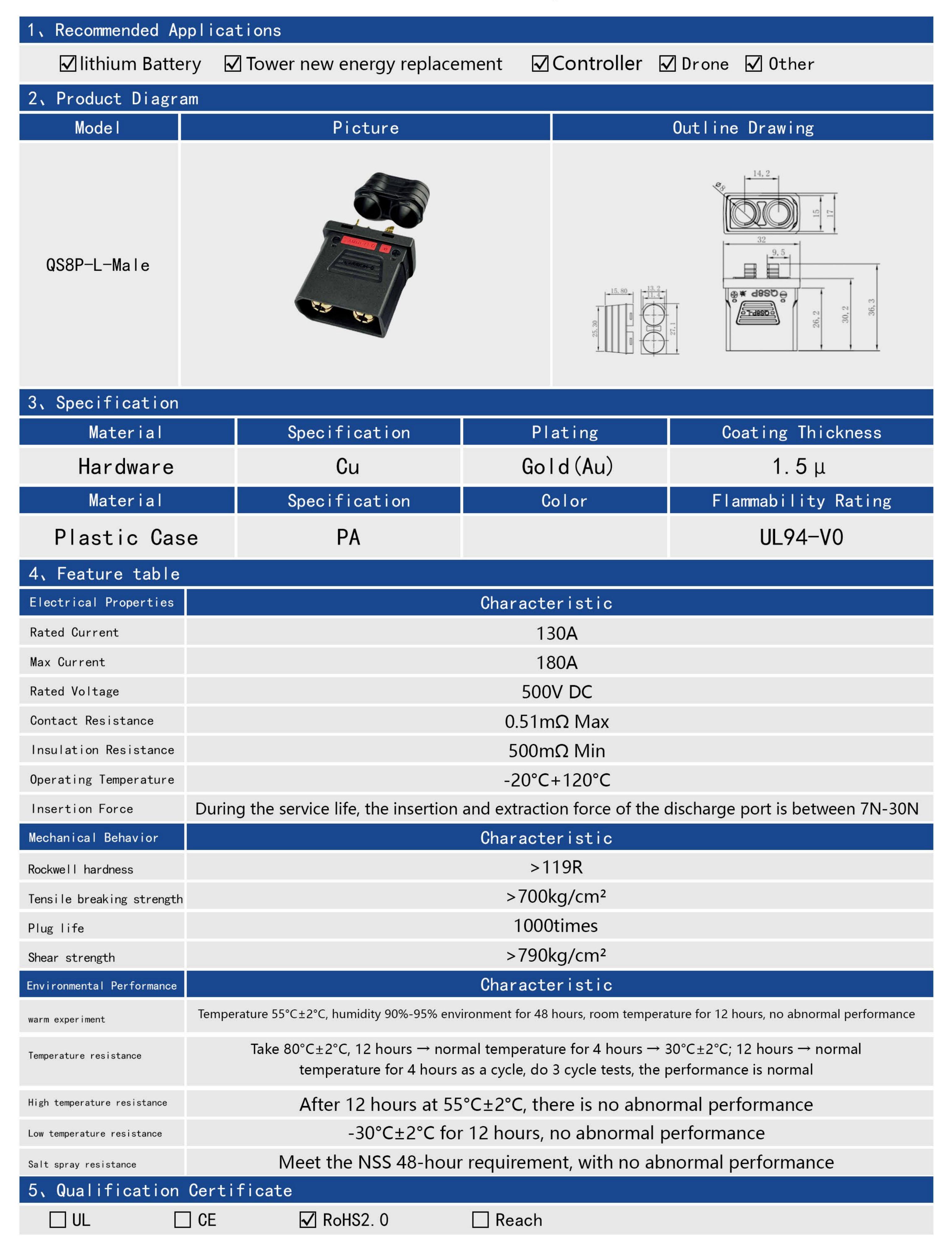








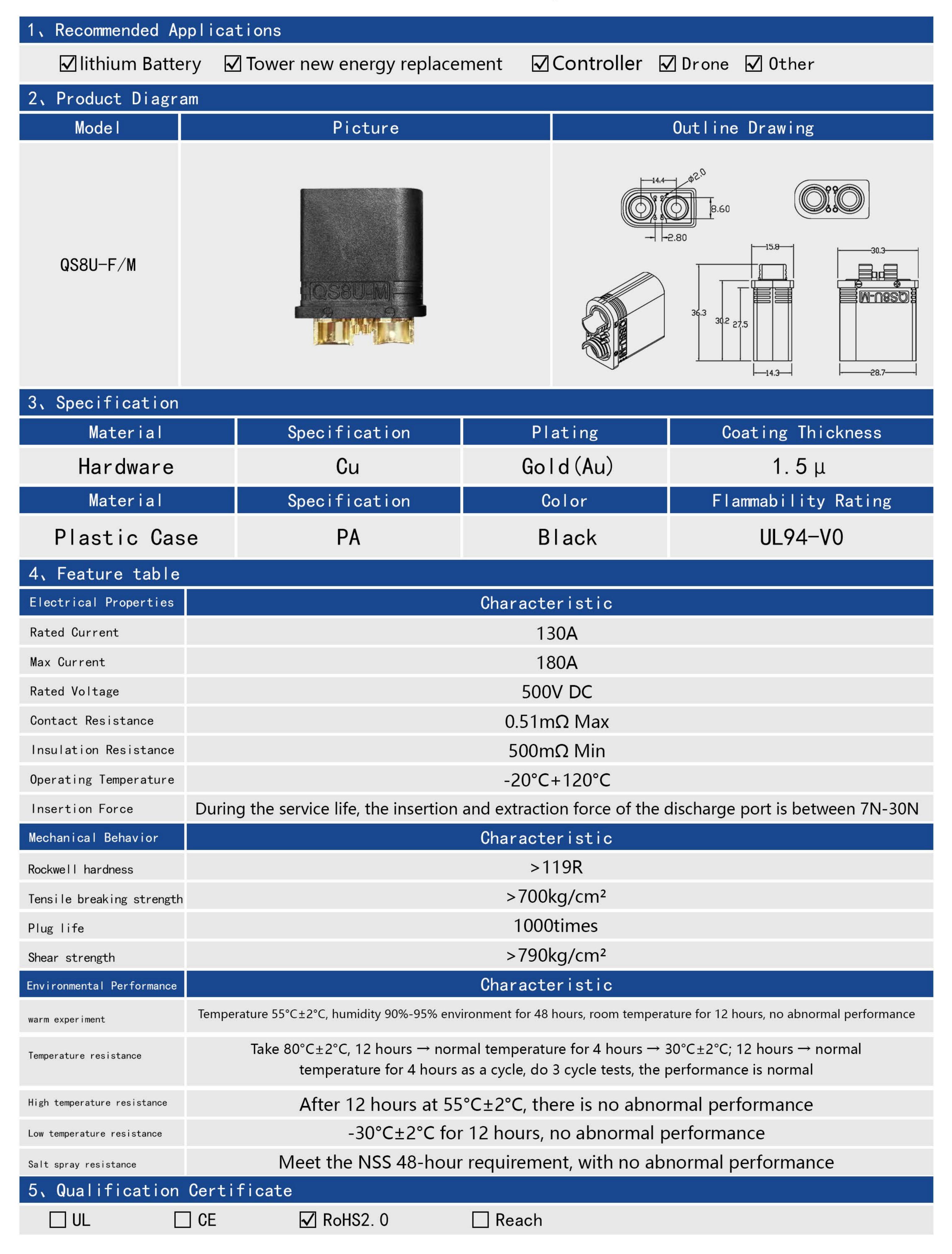




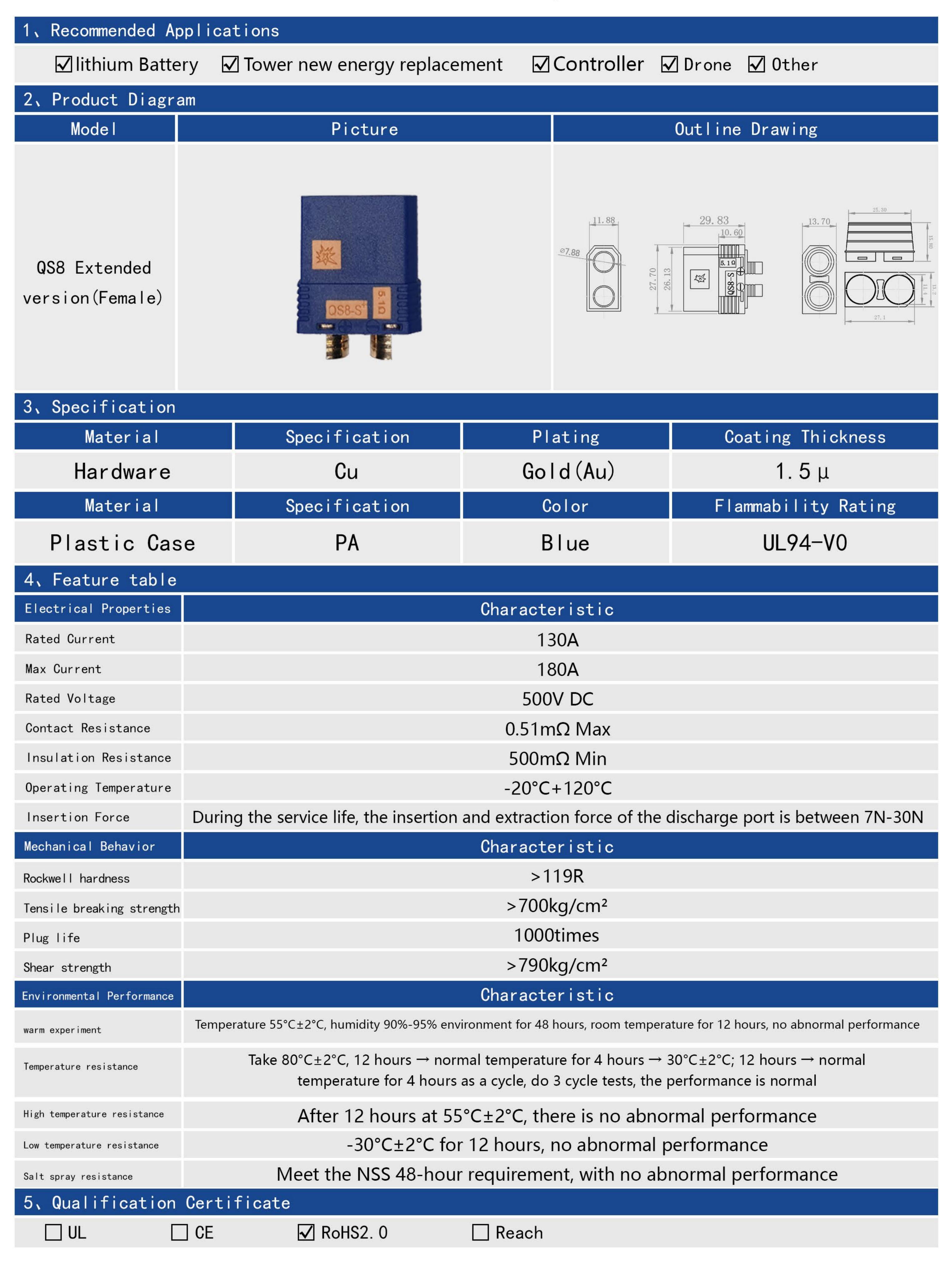


1. Recommended Applications						
☑ lithium Batte	ry 🗹 Tower new energy replacement 🗹 Controller 🗹 Drone 🗹 Other					
2. Product Diagra	am					
Model	Picture Outline Drawing			ing		
QS8U-Female					35.5 29.6 20.3	29.1
3. Specification					250	
Material		Specification		ating	Coating	Thickness
Hardware		Cu	Go	ld (Au)	1	. 5 μ
Material		Specification	C	olor	Flammabi	lity Rating
Plastic Cas	е	PA	Black		UL	94-V0
4. Feature table						
Electrical Properties			Characte	eristic		
Rated Current			1.	30A		
Max Current			18	30A		
Rated Voltage			500	V DC		
Contact Resistance			0.51m	nΩ Max		
Insulation Resistance		$500 m\Omega$ Min				
Operating Temperature	-20°C+120°C					
Insertion Force	During	the service life, the insertion	and extracti	on force of the o	discharge port is	between 7N-30N
Mechanical Behavior			Characte	eristic		
Rockwell hardness			>1	19R		
Tensile breaking strength			>700	kg/cm²		
Plug life			1000	)times		
Shear strength			>790	kg/cm²		
Environmental Performance			Characte	eristic		
warm experiment	Temperature 55°C±2°C, humidity 90%-95% environment for 48 hours, room temperature for 12 hours, no abnormal performance					
Temperature resistance	Take 80°C±2°C, 12 hours $\rightarrow$ normal temperature for 4 hours $\rightarrow$ 30°C±2°C; 12 hours $\rightarrow$ normal temperature for 4 hours as a cycle, do 3 cycle tests, the performance is normal					
High temperature resistance	After 12 hours at 55°C±2°C, there is no abnormal performance					
Low temperature resistance	-30°C±2°C for 12 hours, no abnormal performance					
Salt spray resistance	Meet the NSS 48-hour requirement, with no abnormal performance					
5. Qualification	Certif	cate				
	CE	✓ RoHS2. 0	Reach			

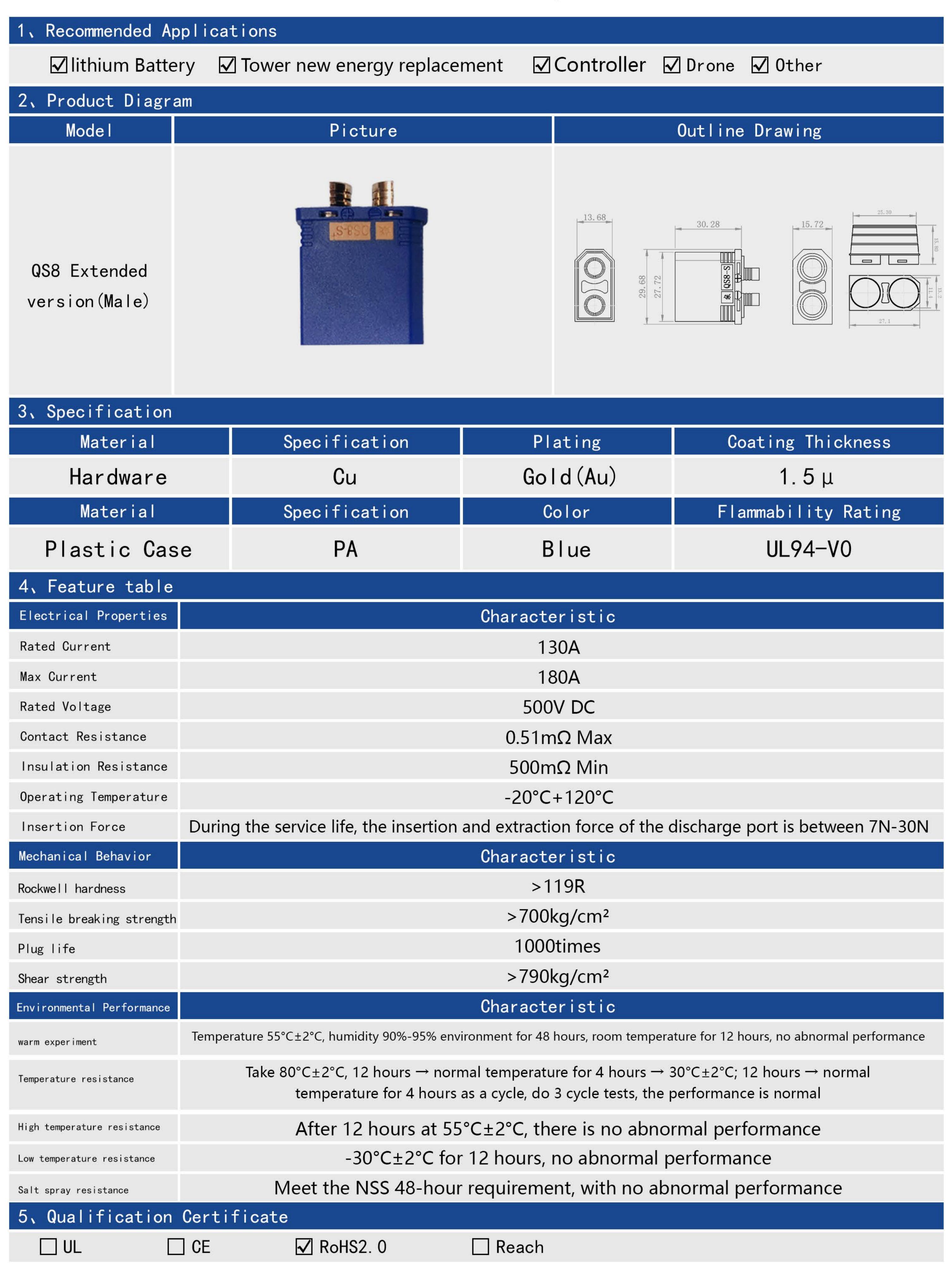




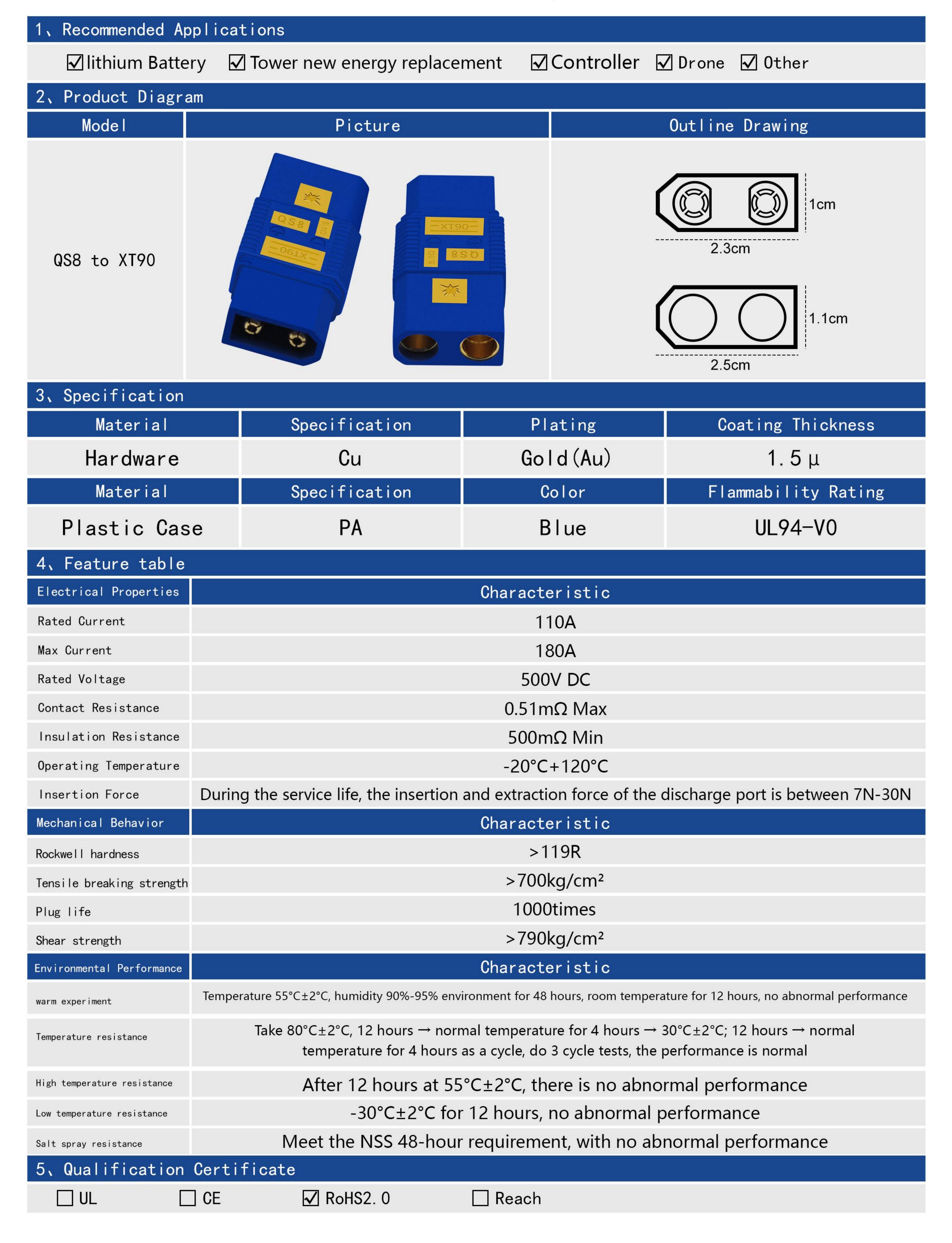














1. Recommended App	plications					
☑ lithium Batter	y 🗹 Tower new energy replacer	ment 🗹 Controller 🔽	☑ Drone ☑ Other			
2. Product Diagram	m					
Model	Picture		Outline Drawing			
QS9U-Female		43,9 24,5 -0-0-0	31. 6 25. 6 24.5 57,9 16.1			
3. Specification						
Material	Specification	Plating	Coating Thickness			
Hardware	Cu	Gold (Au)	1. 5 μ			
Material	Specification	Color	Flammability Rating			
Plastic Case	e PA	Black	UL94-V0			
4. Feature table						
Electrical Properties		Characteristic				
Rated Current		160A				
Max Current		220A				
Rated Voltage		500V DC				
Contact Resistance		0.32mΩ				
Insulation Resistance		500mΩ Min				
Operating Temperature		-20°C+120°C				
Insertion Force	During the service life, the insertion a	and extraction force of the o	discharge port is between 7N-30N			
Mechanical Behavior		Characteristic				
Rockwell hardness		>119R				
Tensile breaking strength		>700kg/cm²				
Plug life		1000times				
Shear strength		>790kg/cm²				
Environmental Performance	Characteristic					
warm experiment	Temperature 55°C±2°C, humidity 90%-95% envir	ronment for 48 hours, room tempera	ture for 12 hours, no abnormal performance			
Temperature resistance	Take 80°C±2°C, 12 hours → normal temperature for 4 hours → 30°C±2°C; 12 hours → normal temperature for 4 hours as a cycle, do 3 cycle tests, the performance is normal					
High temperature resistance	After 12 hours at 55°	°C±2°C, there is no abno	rmal performance			
Low temperature resistance	-30°C±2°C for 12 hours, no abnormal performance					
Salt spray resistance	Meet the NSS 48-hour requirement, with no abnormal performance					
5. Qualification						
	CE RoHS2. 0	Reach				



1. Recommended Ap	plications					
☑ lithium Batter	ry 🗹 Tower new energy replacer	ment 🗹 Controller	☑Drone ☑Other			
2. Product Diagra	m					
Model	Picture		Outline Drawing			
QS9U-Male		43,9	27.5 21.5 57.5 18.9			
3. Specification						
Material	Specification	Plating	Coating Thickness			
Hardware	Cu	Gold (Au)	1. 5 μ			
Material	Specification	Color	Flammability Rating			
Plastic Cas	e PA	Black	UL94-V0			
4. Feature table	4. Feature table					
Electrical Properties		Characteristic				
Rated Current		160A				
Max Current		220A				
Rated Voltage		500V DC				
Contact Resistance		0.32mΩ				
Insulation Resistance		500mΩ Min				
Operating Temperature	-20°C+120°C					
Insertion Force	During the service life, the insertion a		discharge port is between 7N-30N			
Mechanical Behavior		Characteristic				
Rockwell hardness		>119R				
Tensile breaking strength		>700kg/cm²				
Plug life	1000times					
Shear strength		>790kg/cm²				
Environmental Performance		Characteristic				
warm experiment	Temperature 55°C±2°C, humidity 90%-95% envi	ronment for 48 hours, room tempera	ature for 12 hours, no abnormal performance			
Temperature resistance	Take 80°C±2°C, 12 hours → normal temperature for 4 hours → 30°C±2°C; 12 hours → normal temperature for 4 hours as a cycle, do 3 cycle tests, the performance is normal					
High temperature resistance	After 12 hours at 55°C±2°C, there is no abnormal performance					
Low temperature resistance	-30°C±2°C for 12 hours, no abnormal performance					
Salt spray resistance	Meet the NSS 48-hour requirement, with no abnormal performance					
5. Qualification	Certificate					
	CE RoHS2. 0	Reach				



1. Recommended Ap	plications					
☑ lithium Batter	y 🗹 Tower new energy replacem	ent 🗹 Controller 🔽	☑Drone ☑Other			
2. Product Diagra	m					
Model	Picture		Outline Drawing			
QS9S-Female		43,9 24.5	31.6 21.6			
3. Specification						
Material	Specification	Plating	Coating Thickness			
Hardware	Cu	Gold (Au)	1. 5 μ			
Material	Specification	Color	Flammability Rating			
Plastic Cas	e PA	Black	UL94-V0			
4. Feature table						
Electrical Properties		Characteristic				
Rated Current		160A				
Max Current		220A				
Rated Voltage		500V DC				
Contact Resistance		0.32mΩ				
Insulation Resistance	500mΩ Min					
Operating Temperature	-20°C+120°C					
Insertion Force	During the service life, the insertion ar	nd extraction force of the o	discharge port is between 7N-30N			
Mechanical Behavior		Characteristic				
Rockwell hardness		>119R				
Tensile breaking strength		>700kg/cm²				
Plug life	1000times					
Shear strength		>790kg/cm²				
Environmental Performance		Characteristic				
warm experiment	Temperature 55°C±2°C, humidity 90%-95% enviro	nment for 48 hours, room tempera	ture for 12 hours, no abnormal performance			
Temperature resistance	Take 80°C±2°C, 12 hours → normal temperature for 4 hours → 30°C±2°C; 12 hours → normal temperature for 4 hours as a cycle, do 3 cycle tests, the performance is normal					
High temperature resistance	After 12 hours at 55°C±2°C, there is no abnormal performance					
Low temperature resistance	-30°C±2°C for 12 hours, no abnormal performance					
Salt spray resistance	Meet the NSS 48-hour requirement, with no abnormal performance					
5. Qualification	Certificate					
	] CE	Reach				



1. Recommended Ap	plications					
☑ lithium Batter	y 🗹 Tower new energy replacem	nent 🗹 Controller 🕟	☑Drone ☑Other			
2. Product Diagra	m					
Model	Picture		Outline Drawing			
QS9S-Male		43.9	24.5 57.9 20.0-0-0 24.5 57.9			
3. Specification						
Material	Specification	Plating	Coating Thickness			
Hardware	Cu	Gold (Au)	1. 5 μ			
Material	Specification	Color	Flammability Rating			
Plastic Cas	e PA	Black	UL94-V0			
4. Feature table						
Electrical Properties		Characteristic				
Rated Current		160A				
Max Current		220A				
Rated Voltage		500V DC				
Contact Resistance		0.32mΩ				
Insulation Resistance		500mΩ Min				
Operating Temperature	-20°C+120°C					
Insertion Force	During the service life, the insertion a	nd extraction force of the	discharge port is between 7N-30N			
Mechanical Behavior		Characteristic				
Rockwell hardness		>119R				
Tensile breaking strength		>700kg/cm²				
Plug life		1000times				
Shear strength		>790kg/cm²				
Environmental Performance		Characteristic				
warm experiment	Temperature 55°C±2°C, humidity 90%-95% environment for 48 hours, room temperature for 12 hours, no abnormal performance					
Temperature resistance	Take 80°C±2°C, 12 hours → normal temperature for 4 hours → 30°C±2°C; 12 hours → normal temperature for 4 hours as a cycle, do 3 cycle tests, the performance is normal					
High temperature resistance	After 12 hours at 55°C±2°C, there is no abnormal performance					
Low temperature resistance	-30°C±2°C for 12 hours, no abnormal performance					
Salt spray resistance	Meet the NSS 48-hour requirement, with no abnormal performance					
5. Qualification	Certificate					
	CE RoHS2. 0	Reach				



1. Recommended App	plications					
☑ lithium Batter	y 🗹 Tower new energy replacen	nent 🗹 Controller	☑ Drone ☑ Other			
2. Product Diagra	m					
Model	Picture		Outline Drawing			
QS9L-Female		31.71	40.77 9.6 8 8 8 8 8 8 8 8 8 8 8 8 8			
3. Specification						
Material	Specification	Plating	Coating Thickness			
Hardware	Cu	Gold (Au)	1. 5 μ			
Material	Specification	Color	Flammability Rating			
Plastic Case	e PA	Black	UL94-V0			
4. Feature table						
Electrical Properties		Characteristic				
Rated Current		160A				
Max Current		220A				
Rated Voltage		500V DC				
Contact Resistance		0.32mΩ				
Insulation Resistance		500mΩ Min				
Operating Temperature		-20°C+120°C				
Insertion Force	During the service life, the insertion a	nd extraction force of the	discharge port is between 7N-30N			
Mechanical Behavior		Characteristic				
Rockwell hardness		>119R				
Tensile breaking strength		>700kg/cm²				
Plug life		1000times				
Shear strength		>790kg/cm²				
Environmental Performance		Characteristic				
warm experiment	Temperature 55°C±2°C, humidity 90%-95% envir	onment for 48 hours, room tempe	rature for 12 hours, no abnormal performance			
Temperature resistance	Take 80°C±2°C, 12 hours $\rightarrow$ normal temperature for 4 hours $\rightarrow$ 30°C±2°C; 12 hours $\rightarrow$ normal temperature for 4 hours as a cycle, do 3 cycle tests, the performance is normal					
High temperature resistance	After 12 hours at 55°C±2°C, there is no abnormal performance					
Low temperature resistance	-30°C±2°C for 12 hours, no abnormal performance					
Salt spray resistance	Meet the NSS 48-hour requirement, with no abnormal performance					
5. Qualification	Certificate					
	CE RoHS2. 0	Reach				



1. Recommended Ap	plications					
☑ lithium Batter	y 🗹 Tower new energy replacer	ment <b></b> ✓	Controller	ZDrone √20t	her	
2. Product Diagra	m					
Model	Picture		Outline Drawing			
QS9L-Male	W-76SO		25. 43	43.89 QS9L-M	24.5	
3. Specification						
Material	Specification	PI	ating	Coating	Thickness	
Hardware	Cu	Go	d (Au)	1.	. 5 μ	
Material	Specification	C	olor	Flammabi	lity Rating	
Plastic Cas	e PA	В	lack	UL	94-V0	
4. Feature table						
Electrical Properties		Characte	eristic			
Rated Current		16	50A			
Max Current		22	20A			
Rated Voltage		500	V DC			
Contact Resistance		0.32	2mΩ			
Insulation Resistance		500m	ıΩ Min			
Operating Temperature	-20°C+120°C					
Insertion Force	During the service life, the insertion	and extraction	on force of the	discharge port is	between 7N-30N	
Mechanical Behavior		Characte	eristic			
Rockwell hardness		>1	19R			
Tensile breaking strength		>7001	kg/cm²			
Plug life		1000	times			
Shear strength		>7901	kg/cm²			
Environmental Performance		Characte	eristic			
warm experiment	Temperature 55°C±2°C, humidity 90%-95% envi	ronment for 48	hours, room tempera	ature for 12 hours, no	abnormal performance	
Temperature resistance	Take 80°C±2°C, 12 hours $\rightarrow$ normal temperature for 4 hours $\rightarrow$ 30°C±2°C; 12 hours $\rightarrow$ normal temperature for 4 hours as a cycle, do 3 cycle tests, the performance is normal					
High temperature resistance	After 12 hours at 55°C±2°C, there is no abnormal performance					
Low temperature resistance	-30°C±2°C for 12 hours, no abnormal performance					
Salt spray resistance	Meet the NSS 48-hour requirement, with no abnormal performance					
5. Qualification	Certificate					
	CE RoHS2. 0	Reach				



1. Recommended Applications				
☑ lithium Batter	ry 🗹 Tower new energy replacer	nent <b>√</b>	Controller 🔽	☑Drone ☑Other
2. Product Diagra	m			
Model	Picture			Outline Drawing
QS10S-Female			30.63	48.29 43.24 26.00 2-21100 2-21000
3. Specification				
Material	Specification		ating	Coating Thickness
Hardware	Cu	Go	ld (Au)	1. 5 μ
Material	Specification	C	olor	Flammability Rating
Plastic Cas	e PA	В	Black UL94-V0	
4. Feature table				
Electrical Properties	Characteristic			
Rated Current	180A			
Max Current	240A			
Rated Voltage	500V DC			
Contact Resistance	$0.3 \mathrm{m}\Omega$			
Insulation Resistance	500mΩ Min			
Operating Temperature	-20°C+120°C			
Insertion Force	During the service life, the insertion and extraction force of the discharge port is between 7N-30N			
Mechanical Behavior		Characte	eristic	
Rockwell hardness		>1	19R	
Tensile breaking strength		>7001	kg/cm²	
Plug life	1000times			
Shear strength	>790kg/cm²			
Environmental Performance	Characteristic			
warm experiment	Temperature 55°C±2°C, humidity 90%-95% environment for 48 hours, room temperature for 12 hours, no abnormal performance			
Temperature resistance	Take 80°C±2°C, 12 hours $\rightarrow$ normal temperature for 4 hours $\rightarrow$ 30°C±2°C; 12 hours $\rightarrow$ normal temperature for 4 hours as a cycle, do 3 cycle tests, the performance is normal			
High temperature resistance	After 12 hours at 55°C±2°C, there is no abnormal performance			
Low temperature resistance	-30°C±2°C for 12 hours, no abnormal performance			
Salt spray resistance	Meet the NSS 48-hour requirement, with no abnormal performance			
5、Qualification Certificate				
	CE RoHS2. 0	Reach		

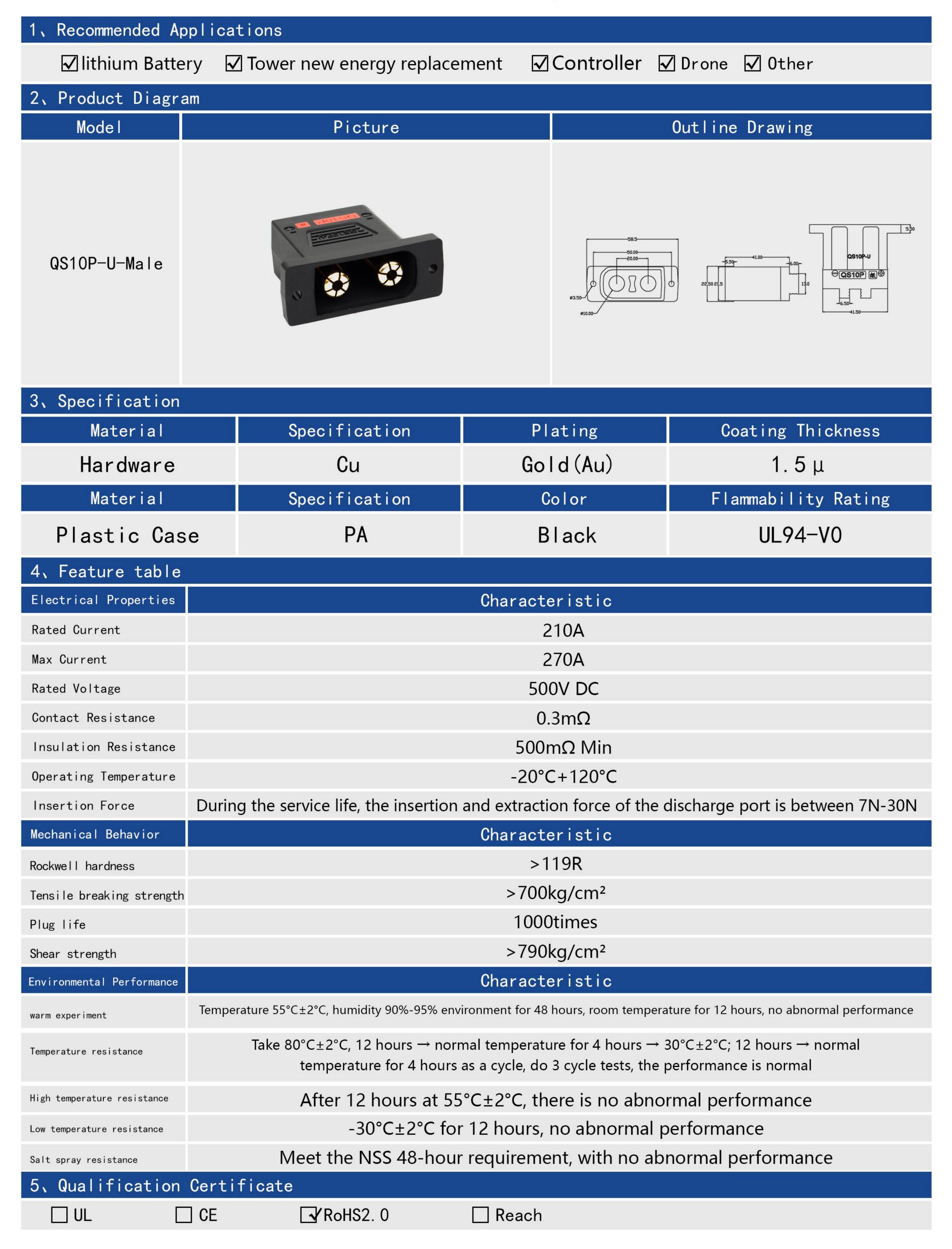


1. Recommended Applications				
☑ lithium Batter	ry 🗹 Tower new energy replacer	ment 🗹 Controller	☑Drone ☑Other	
2. Product Diagra	m			
Model	Picture		Outline Drawing	
QS10S-Male	S-OLSO	31.08 19.73	48.29 26.00 2-0.50	
3. Specification				
Material	Specification	Plating	Coating Thickness	
Hardware	Cu	Gold (Au)	1. 5 μ	
Material	Specification	Color	Flammability Rating	
Plastic Cas	e PA	Black UL94-V0		
4. Feature table				
Electrical Properties		Characteristic		
Rated Current	180A			
Max Current	240A			
Rated Voltage	500V DC			
Contact Resistance		0.3mΩ		
Insulation Resistance		500mΩ Min		
Operating Temperature		-20°C+120°C		
Insertion Force	During the service life, the insertion and extraction force of the discharge port is between 7N-30N			
Mechanical Behavior	Characteristic			
Rockwell hardness	>119R			
Tensile breaking strength	>700kg/cm²			
Plug life	1000times			
Shear strength	>790kg/cm²			
Environmental Performance	Characteristic			
warm experiment	Temperature 55°C±2°C, humidity 90%-95% environment for 48 hours, room temperature for 12 hours, no abnormal performance			
Temperature resistance	Take 80°C±2°C, 12 hours $\rightarrow$ normal temperature for 4 hours $\rightarrow$ 30°C±2°C; 12 hours $\rightarrow$ normal temperature for 4 hours as a cycle, do 3 cycle tests, the performance is normal			
High temperature resistance	After 12 hours at 55°C±2°C, there is no abnormal performance			
Low temperature resistance	-30°C±2°C for 12 hours, no abnormal performance			
Salt spray resistance	Meet the NSS 48-hour requirement, with no abnormal performance			
5. Qualification Certificate				
	CE RoHS2. 0	Reach		



1. Recommended App	olications			
☑ lithium Batter	y 🗹 Tower new energy replacer	nent 🗹 Controller	☑ Drone ☑ Other	
2. Product Diagram	m			
Model	Picture		Outline Drawing	
QS10P-U-Female		\$3.50 \$10.00	27.75 6.50 6.00 SETOP-U	
3. Specification				
Material	Specification	Plating	Coating Thickness	
Hardware	Cu	Gold (Au)	1.5 μ	
Material	Specification	Color	Flammability Rating	
Plastic Case	e PA	Black	UL94-V0	
4. Feature table				
Electrical Properties		Characteristic		
Rated Current	210A			
Max Current	270A			
Rated Voltage		500V DC		
Contact Resistance		0.3mΩ		
Insulation Resistance		500mΩ Min		
Operating Temperature		-20°C+120°C		
Insertion Force	During the service life, the insertion and extraction force of the discharge port is between 7N-30N			
Mechanical Behavior	Characteristic			
Rockwell hardness	>119R			
Tensile breaking strength	>700kg/cm²			
Plug life	1000times			
Shear strength	>790kg/cm²			
Environmental Performance	Characteristic Characteristic			
warm experiment	Temperature 55°C±2°C, humidity 90%-95% envir	ronment for 48 hours, room temper	ature for 12 hours, no abnormal performance	
Temperature resistance	Take 80°C±2°C, 12 hours → normal temperature for 4 hours → 30°C±2°C; 12 hours → normal temperature for 4 hours as a cycle, do 3 cycle tests, the performance is normal			
High temperature resistance	After 12 hours at 55°C±2°C, there is no abnormal performance			
Low temperature resistance	-30°C±2°C for 12 hours, no abnormal performance			
Salt spray resistance	Meet the NSS 48-hour requirement, with no abnormal performance			
5. Qualification	Certificate			
	CE RoHS2. 0	Reach		







1. Recommended Applications						
☑ lithium Batte	ry 🗹 Tower new energy replace	ment ☑ Contr	oller 🗹 Drone 🗹 Other			
2. Product Diagra	m					
Model	Picture		Outline Drawing			
QS10P-L-Female		41.5 41.5				
3. Specification						
Material	Specification	Plating				
Hardware	Cu	Gold (Au	ι) 1.5 μ			
Material	Specification	Color	Flammability Rating			
Plastic Cas	e PA	Black	UL94-V0			
4. Feature table	4. Feature table					
Electrical Properties		Characteristi	C			
Rated Current	210A					
Max Current	270A					
Rated Voltage	500V DC					
Contact Resistance		0.3mΩ				
Insulation Resistance		500mΩ Min	1			
Operating Temperature		-20°C+120°C	C			
Insertion Force	During the service life, the insertion and extraction force of the discharge port is between 7N-30N					
Mechanical Behavior	Characteristic					
Rockwell hardness	>119R					
Tensile breaking strength	>700kg/cm²					
Plug life	1000times					
Shear strength	>790kg/cm²					
Environmental Performance		Characteristi				
warm experiment	Temperature 55°C±2°C, humidity 90%-95% envi	ronment for 48 hours, roo	om temperature for 12 hours, no abnormal performance			
Temperature resistance	Take 80°C±2°C, 12 hours → normal temperature for 4 hours → 30°C±2°C; 12 hours → normal temperature for 4 hours as a cycle, do 3 cycle tests, the performance is normal					
High temperature resistance	After 12 hours at 55°C±2°C, there is no abnormal performance					
Low temperature resistance	-30°C±2°C for 12 hours, no abnormal performance					
Salt spray resistance	Meet the NSS 48-hour requirement, with no abnormal performance					
5、Qualification Certificate						
	CE RoHS2. 0	Reach				



1. Recommended Applications					
☑ lithium Batte	☑ lithium Battery ☑ Tower new energy replacement ☑ Controller ☑ Drone ☑ Other				
2. Product Diagra	am				
Model	Picture		Outline Drawing		
QS10P-L-Male		42.50 41.50 22.50 41			
3. Specification					
Material	Specification	Plat		Coating Thickness	
Hardware	Cu	Gold	I (Au)	1. 5 μ	
Material	Specification	Col	or	Flammability Rating	
Plastic Cas	e PA	Black UL94-V0		UL94-V0	
4. Feature table					
Electrical Properties	Characteristic				
Rated Current	210A				
Max Current	270A				
Rated Voltage		500V DC			
Contact Resistance		0.3m	ιΩ		
Insulation Resistance		500mΩ	Min		
Operating Temperature		-20°C+1	120°C		
Insertion Force	During the service life, the insertion and extraction force of the discharge port is between 7N-30N				
Mechanical Behavior	Characteristic				
Rockwell hardness	>119R				
Tensile breaking strength	>700kg/cm²				
Plug life		1000tir	mes		
Shear strength		>790kg/cm²			
Environmental Performance		Character	istic		
warm experiment	Temperature 55°C±2°C, humidity 90%-95% environment for 48 hours, room temperature for 12 hours, no abnormal performance				
Temperature resistance	Take 80°C±2°C, 12 hours $\rightarrow$ normal temperature for 4 hours $\rightarrow$ 30°C±2°C; 12 hours $\rightarrow$ normal temperature for 4 hours as a cycle, do 3 cycle tests, the performance is normal				
High temperature resistance	After 12 hours at 55°C±2°C, there is no abnormal performance				
Low temperature resistance	-30°C±2°C for 12 hours, no abnormal performance				
Salt spray resistance	Meet the NSS 48-hour requirement, with no abnormal performance				
5、Qualification Certificate					
	CE	Reach			



1. Recommended Applications					
☑ lithium Batter	y 🗹 Tower new energy replacer	nent 🗹 Controller	☑ Drone ☑ Other		
2. Product Diagra	m				
Model	Picture		Outline Drawing		
QS10P-S-Female		58.5 50.00 20.00 e10.00	2.5 2.50 13.00 22.50 QS10P X S50		
3. Specification					
Material	Specification	Plating	Coating Thickness		
Hardware	Cu	Gold (Au)	1. 5 μ		
Material	Specification	Color	Flammability Rating		
Plastic Case	e PA	Black UL94-V0			
4. Feature table					
Electrical Properties		Characteristic			
Rated Current	210A				
Max Current	270A				
Rated Voltage		500V DC			
Contact Resistance		$0.3 \mathrm{m}\Omega$			
Insulation Resistance		500mΩ Min			
Operating Temperature		-20°C+120°C			
Insertion Force	During the service life, the insertion and extraction force of the discharge port is between 7N-30N				
Mechanical Behavior	Characteristic				
Rockwell hardness	>119R				
Tensile breaking strength	>700kg/cm²				
Plug life	1000times				
Shear strength	>790kg/cm²				
Environmental Performance		Characteristic			
warm experiment	Warm experiment Temperature 55°C±2°C, humidity 90%-95% environment for 48 hours, room temperature for 12 hours, no abnormal performance				
Temperature resistance	Take 80°C±2°C, 12 hours → normal temperature for 4 hours → 30°C±2°C; 12 hours → normal temperature for 4 hours as a cycle, do 3 cycle tests, the performance is normal				
High temperature resistance	After 12 hours at 55°C±2°C, there is no abnormal performance				
Low temperature resistance	-30°C±2°C for 12 hours, no abnormal performance				
Salt spray resistance	Meet the NSS 48-hour requirement, with no abnormal performance				
5. Qualification	Certificate				
	CE RoHS2. 0	Reach			



1. Recommended Applications				
☑ lithium Batter	ry 🗹 Tower new energy replace	ment 🗹 Controller	☑ Drone ☑ Other	
2. Product Diagra	m			
Model	Picture		Outline Drawing	
QS10P-S-F/M	Q-HOBBY <sup>Q</sup>	\$8.5 \$5.00 \$1.50 \$2.00 \$10.00	27.75 0.00 QS10P-S 21.5 22.50 13.00 QS10P-S 5.50	
3. Specification				
Material	Specification	Plating	Coating Thickness	
Hardware	Cu	Gold (Au)	1. 5 μ	
Material	Specification	Color	Flammability Rating	
Plastic Cas	e PA	Black	UL94-V0	
4. Feature table				
Electrical Properties	Characteristic			
Rated Current	210A			
Max Current	270A			
Rated Voltage		500V DC		
Contact Resistance		0.3mΩ		
Insulation Resistance		500mΩ Min		
Operating Temperature		-20°C+120°C		
Insertion Force	During the service life, the insertion and extraction force of the discharge port is between 7N-30N			
Mechanical Behavior	Characteristic			
Rockwell hardness	>119R			
Tensile breaking strength		>700kg/cm²		
Plug life	1000times			
Shear strength	>790kg/cm²			
Environmental Performance		Characteristic		
warm experiment	Temperature 55°C±2°C, humidity 90%-95% environment for 48 hours, room temperature for 12 hours, no abnormal performance			
Temperature resistance	Take 80°C±2°C, 12 hours $\rightarrow$ normal temperature for 4 hours $\rightarrow$ 30°C±2°C; 12 hours $\rightarrow$ normal temperature for 4 hours as a cycle, do 3 cycle tests, the performance is normal			
High temperature resistance	After 12 hours at 55°C±2°C, there is no abnormal performance			
Low temperature resistance	-30°C±2°C for 12 hours, no abnormal performance			
Salt spray resistance	Meet the NSS 48-hour requirement, with no abnormal performance			
5. Qualification Certificate				
	CE RoHS2. 0	Reach		

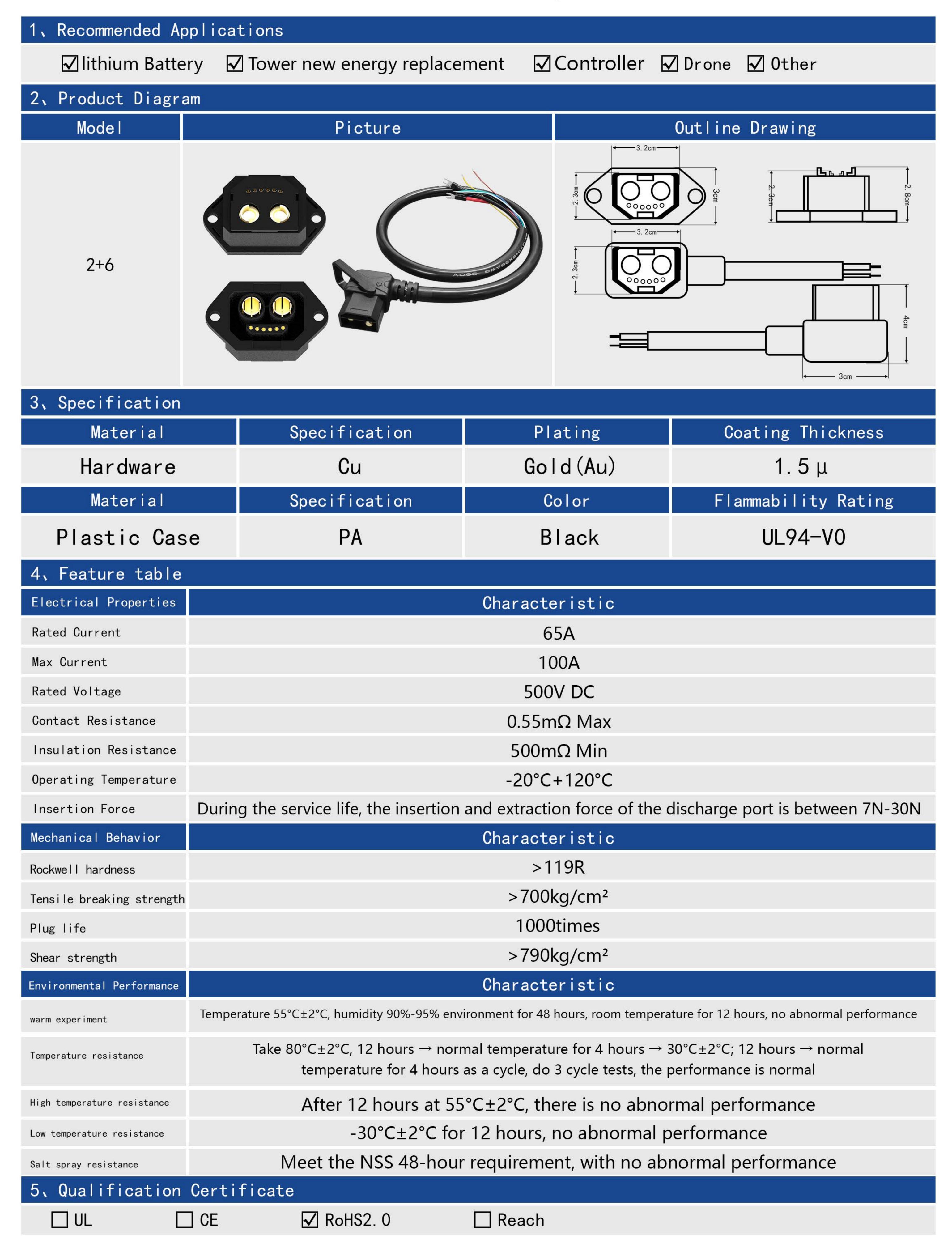


1. Recommended Applications				
☑ lithium Batter	ry ☑ Tower new energy replacement ☑ Controller ☑ Drone ☑ Other			
2. Product Diagra	am			
Model	Picture Outline Drawing			
QS12-Female	46.9 			46.9 
3. Specification				
Material	Specification	Plat		Coating Thickness
Hardware	Cu	Gold	(Au)	1. 5 μ
Material	Specification	Col	or	Flammability Rating
Plastic Cas	e PA	PA Black		UL94-V0
4. Feature table				
Electrical Properties	Characteristic			
Rated Current	250A			
Max Current	320A			
Rated Voltage		500V I	DC	
Contact Resistance		0.2m	Ω	
Insulation Resistance		500mΩ	Min	
Operating Temperature		-20°C+1	20°C	
Insertion Force	During the service life, the insertion and extraction force of the discharge port is between 7N-30N			lischarge port is between 7N-30N
Mechanical Behavior	Characteristic			
Rockwell hardness	>119R			
Tensile breaking strength	>700kg/cm²			
Plug life	1000times			
Shear strength	>790kg/cm²			
Environmental Performance		Characteri	istic	
warm experiment	Temperature 55°C±2°C, humidity 90%-95% environment for 48 hours, room temperature for 12 hours, no abnormal performance			
Temperature resistance	Take 80°C±2°C, 12 hours $\rightarrow$ normal temperature for 4 hours $\rightarrow$ 30°C±2°C; 12 hours $\rightarrow$ normal temperature for 4 hours as a cycle, do 3 cycle tests, the performance is normal			
High temperature resistance	After 12 hours at 55°C±2°C, there is no abnormal performance			
Low temperature resistance	-30°C±2°C for 12 hours, no abnormal performance			
Salt spray resistance	Meet the NSS 48-hour requirement, with no abnormal performance			
5. Qualification Certificate				
	CE RoHS2. 0	Reach		

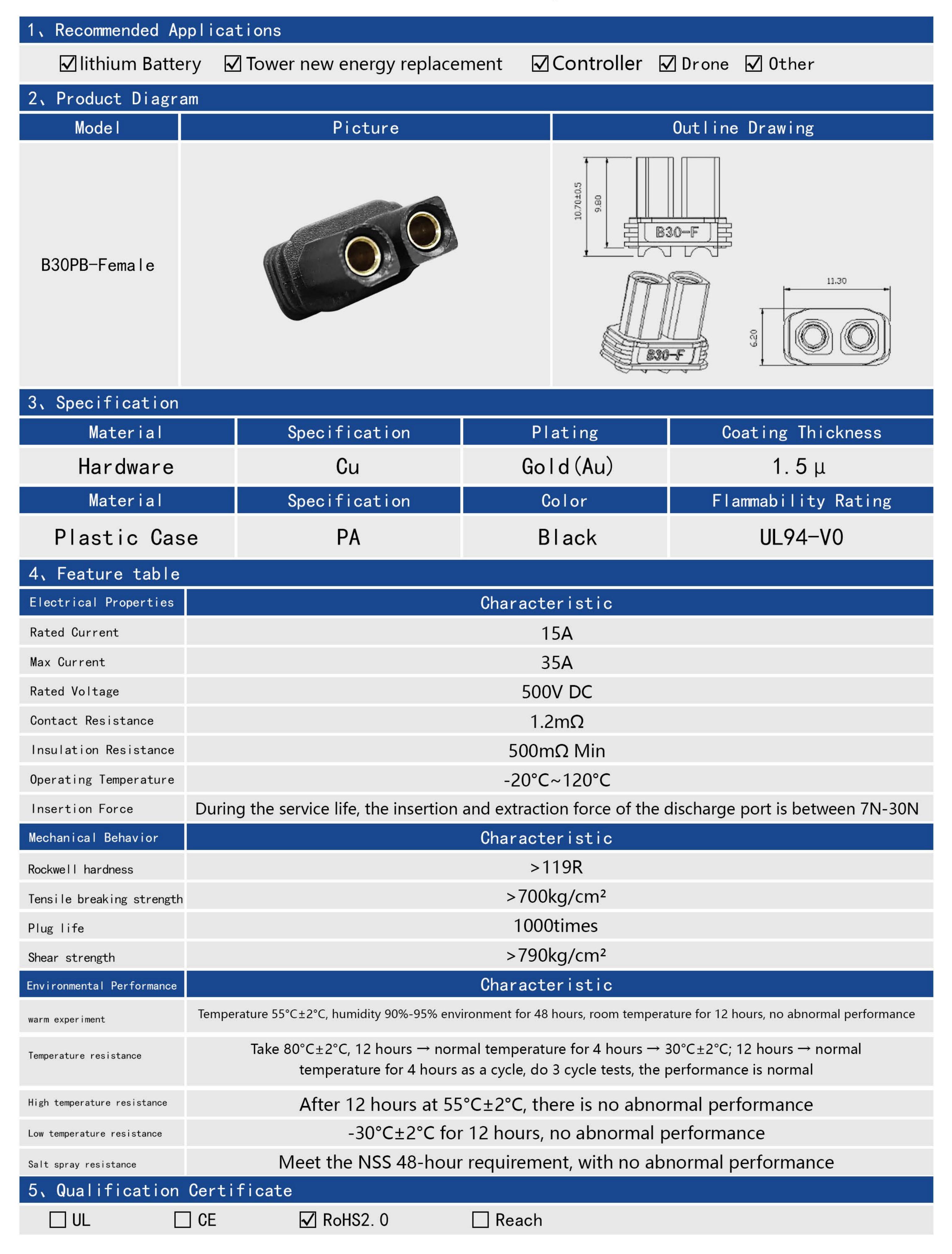


1. Recommended App	olications				
☑ lithium Batter	y 🗹 Tower new energy replace	ment 🗹 Contro	ler ☑ Drone ☑ Other		
2. Product Diagram	m				
Model	Picture		Outline Drawing		
QS12-Male		25.7	51 26 26 27 27 22. 7		
3. Specification					
Material	Specification	Plating	Coating Thickness		
Hardware	Cu	Gold (Au)	1. 5 μ		
Material	Specification	Color	Flammability Rating		
Plastic Case	e PA	Black	UL94-V0		
4. Feature table	4. Feature table				
Electrical Properties	Characteristic				
Rated Current	250A				
Max Current	320A				
Rated Voltage		500V DC			
Contact Resistance		0.2mΩ			
Insulation Resistance		500mΩ Min			
Operating Temperature		-20°C+120°C			
Insertion Force	During the service life, the insertion and extraction force of the discharge port is between 7N-30N				
Mechanical Behavior	Characteristic				
Rockwell hardness	>119R				
Tensile breaking strength	>700kg/cm²				
Plug life	1000times				
Shear strength	>790kg/cm²				
Environmental Performance	Characteristic				
warm experiment	Temperature 55°C±2°C, humidity 90%-95% environment for 48 hours, room temperature for 12 hours, no abnormal performance				
Temperature resistance	Take 80°C±2°C, 12 hours $\rightarrow$ normal temperature for 4 hours $\rightarrow$ 30°C±2°C; 12 hours $\rightarrow$ normal temperature for 4 hours as a cycle, do 3 cycle tests, the performance is normal				
High temperature resistance	After 12 hours at 55°C±2°C, there is no abnormal performance				
Low temperature resistance	-30°C±2°C for 12 hours, no abnormal performance				
Salt spray resistance	Meet the NSS 48-hour requirement, with no abnormal performance				
5、Qualification Certificate					
	CE ☑ RoHS2. 0	Reach			

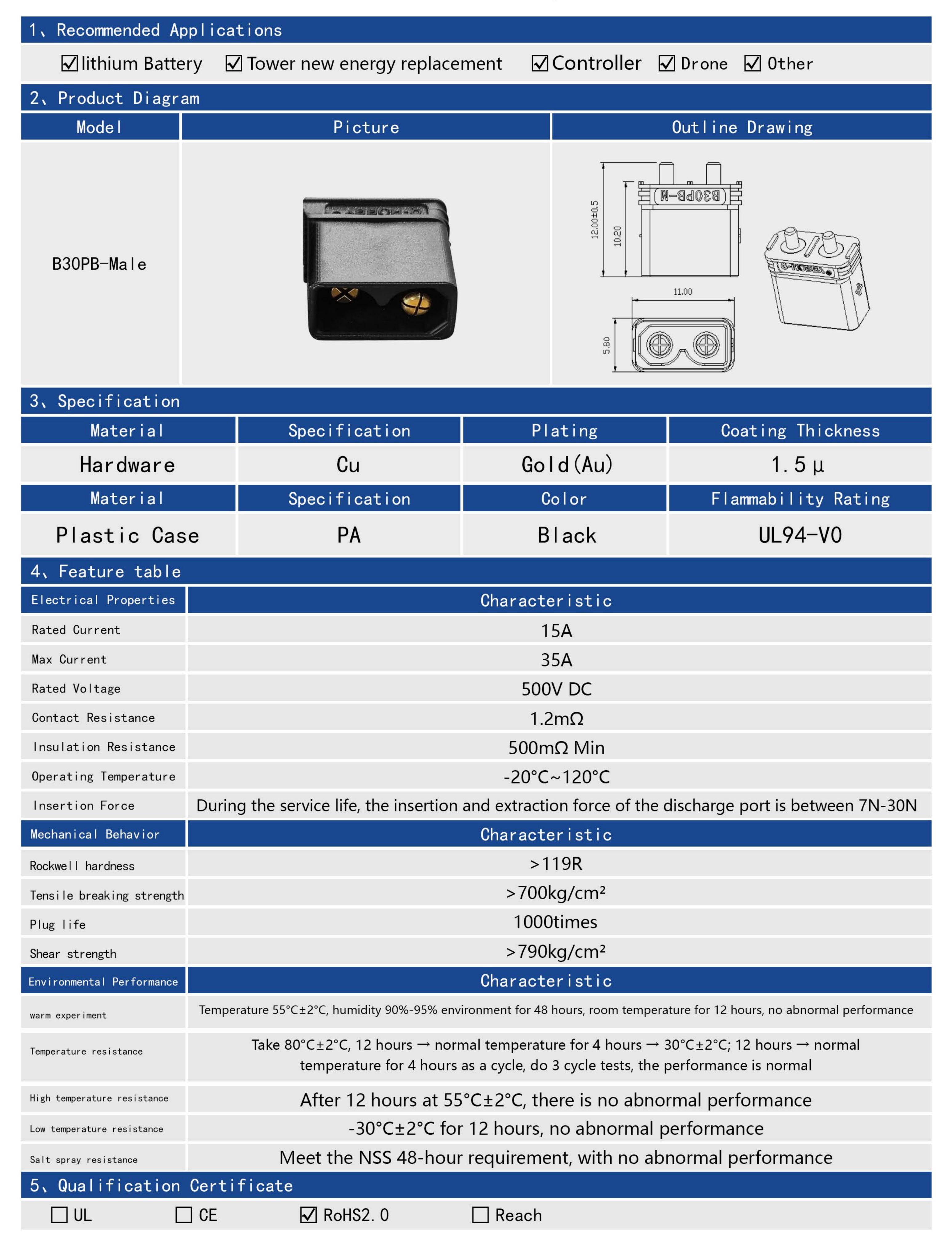














1. Recommended App	olications				
☑ lithium Batter	y 🗹 Tower new energy replacem	ent 🗹 Controller	☑ Drone ☑ Other		
2. Product Diagram	m				
Model	Picture		Outline Drawing		
QT90-Female		8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	19.9 19.9 20 21.80		
3. Specification  Material	Specification	Dlating	Coating Thickness		
Hardware		Plating Gold (Au)			
	C		1. 5 μ		
Material	Specification	Color	Flammability Rating		
Plastic Case	e PA	Yellow	UL94-V0		
4. Feature table	ure table				
Electrical Properties		Characteristic			
Rated Current		80A			
Max Current	120A				
Rated Voltage  Contact Resistance	500V DC 0.40mΩ				
Insulation Resistance	500mΩ Min				
Operating Temperature	-20°C~120°C				
Insertion Force	During the service life, the insertion and extraction force of the discharge port is between 7N-30N				
Mechanical Behavior		Characteristic			
Rockwell hardness	>119R				
Tensile breaking strength	>700kg/cm²				
Plug life	1000times				
Shear strength	>790kg/cm²				
Environmental Performance	Characteristic				
warm experiment	Temperature 55°C±2°C, humidity 90%-95% environment for 48 hours, room temperature for 12 hours, no abnormal performance				
Temperature resistance	Take 80°C±2°C, 12 hours → normal temperature for 4 hours → 30°C±2°C; 12 hours → normal temperature for 4 hours as a cycle, do 3 cycle tests, the performance is normal				
High temperature resistance	After 12 hours at 55°C±2°C, there is no abnormal performance				
Low temperature resistance	-30°C±2°C for 12 hours, no abnormal performance				
Salt spray resistance	Meet the NSS 48-hour requirement, with no abnormal performance				
5. Qualification					
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