

Specification V1.0

Product		Power bank		Model#		TP6000	
Features	Indicator	Blue LED indicator to show the status of charging, full and remaining capacity					
	Protection	overcharge protection, low-voltage protection, underloading protection, short-circuit protection					
	Detection	load detection, capacity detection					
	Charging mode	constant current and constant voltage control					
Port							
	Input	Micro USB					
	Output	Dual USB					
Specifacaiton							
Input	Voltage		5.0±0.25V				
	Current (max)		1200±100mA				
	Charging time		about 10.5 hours				
Output	floating voltage		USB1 VCC: 5.0±0.25V D-: 2.70±0.2V D+: 2.0±0.2V USB2 VCC: 5.0±0.25V D-: 2.0±0.2V D+: 2.70±0.2V				
	loading voltage		5.0±0.25V				
	current		USB1: 1000±100mA USB2: 2100±100mA				
	output power		10.5W				
	output ripple (standard and max)		≤100mVPP				
	discharge time (under standard current)		110 minutes (2.1A current discharge)				
Others	Battery		Li-ion battery 18650, 2000mAh *3				
	quiescent current (UA)		≤100uA				
	output shut off time with no loading detected		LED shut off in 5 second, output shut off in 10 second				
	Charging / discharging times		more than 500 times, 80% capacity remains even after 500 times				
Protection	overcharge protection		4.25±0.05V				
	overcurrent protection		USB1: 1.5A USB2: 2.5A				
	over discharge protection		3.0±0.2V				
	underloading protection		100Ω (50MA)				
	low-voltage protection		dual protection (MCU 3.0V and battery 2.4V)				
	short-circuit protection		200MS				
Indicator	Indicator (charging status, capacity detection, low capacity warning)						
	4 LED on	3 LED on	2 LED on	1 LED on	1 LED flashes	when discharging	
	100%	50%~75%	25%~50%	10%~25%	<10%		
	above 3.94V	3.7V-3.94V	3.5V-3.7V	3.3V-3.5V	<3.3V		
	Charging: capacity less than 25%, only 1 LED flashes, when finish 25%, 1 LED on and 1 LED flashes, when finish 50%, 2 LED on and 1 LED flashes, when finish 75%, 3 LED on and 1 LED flashes, when finish 100%, 4 LED on						
	Discharging: 1. select a right size connector and cable to connect your power bank and digital device, press the button, the 4 LED will be on for 0.5 second, and then the relevant LED indicator that matches the capacity will be on; 2. breathing frequency: 2 seconds from extinguish to brightest or from brightest to extinguish; 3. output will be shut off in 20 second when finish discharging; 4. The LED will be shut off in 5 seconds when remove the device from the power bank and the output will						
Button	under non-loaded situation, press the button, 4 LED will be on for 0.5 second and then the relevant LED indicator that matches the capacity will be on, and will be shut off in 5 seconds if no device connected. The output will be shut off in 20 second if no device connected.						
Other function	activate the power bank from short-circuit protection: press the button or charge the power bank activate the power bank from underloading protection: reconnect the device with the power bank activate the power bank from overdischarge protection: charge the power bank						
Application	support NDS series (3DS), PSP series, iPhone, Samsung mobile, MP3, MP4 etc...						
Product dimensions	103(L)X75(W)X23(H)mm				Net weight		