

MediaTek Products:	PumpExpress+	PumpExpress 2.0	PumpExpress 3.0 (DIRECT CHARGE)
MP SCHEDULE	Now	Now	Q3'16
TA OUTPUT	5V ~ 12V (Fixed 5/7/9/12V)	5V ~ 20V (0.5V per step)	3V ~ 6V (10-20mV per step)
COMMUNICATION	VBUS current modulation	VBUS current modulation	USB PD
CHARGE CURRENT	Single 3A / Parallel 4.5A	Single 3A / Parallel 4.5A+	Direct Charge 5A+
EFFICIENCY	90%	92%	95%
0-70% CHARGING TIME			20 Minutes
CHARGING 5 MINS TALKING			4 Hours